

40. ~~THE~~ *25.66*
M A R R O W

OF *Kkk. 497*
Chymical Physick ;

OR,
The Practice of Making Chy-
mical Medicines.

Divided in Three Books: v.z.

Shewing the true and perfect Order
to Distil; or Draw forth from vegetables,
Minerals, and Metals, their Spirits, Oyls,
Vinegars, Salts, Extracts, or Tinctures,
Essences and Magisteries, Flowers, and
Salts, &c.

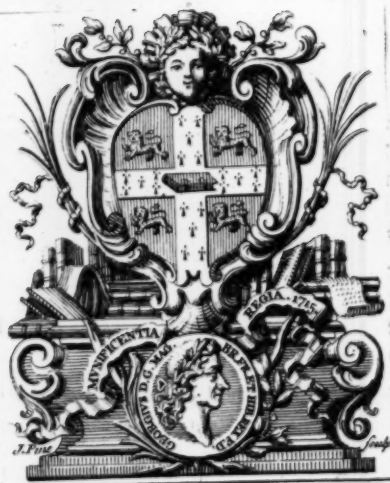
Whereunto is added at the end of every such
Preparation, its Vertue and Medicinal
Use, for the Preservation of Health, and
Restoring the Diseased to Sanity.

A rare way of Making Metaline Glasse of any
colour whatsoever. Very useful for the
making Artificial Rubies, Saphirs, Ja-
cinths, &c. Likewise for the Enameling of
Rings, or for Jewels; being very excel-
lent and easie.

By Will. Thraster *Philo-Astro-Medicus*, and
Student in Chymistry.

L Q N D O N :

Printed, and are to be sold by Peter Parker,
at the Leg and Star in Cornhil, against the
Royal Exchange, 1679.





TO THE READER.

Courteous Reader,

HAVING from my youth delighted in the Art of Chymistry, at length by help of my very good Friend Dr. *Bolnest*, I received some Methodical Instructions. Part of my Studies and Endeavors having collected together, I here present you with, being drawn from the best Authors, and most of my own experience, and brought into such a Method, that by help of this Book onely, may be truly prepared all Vegetables, Animals, Minerals, and Mettals, into

To the Reader.

excellent and efficacious Medicines, in so plain a Method, that if thou tread the Hermetick Path aright, you may by help of what I have written, finde the way to do thy self and Countrey good; And if thou by my painful Pleasure doest but procure to thy self some knowledge more than thou hadst, or cause any good to be done to the Diseased, it is all that is aimed at by

At the Sign of the *Razor*
by the May-pole in *East-*
Smithfield.

W. T.

Chy-



Chymical Physick.

Book I.

What the Distillation of Chymical Medicines are; the Kindes thereof, with the Instruments and Vessels thereunto belonging.

YOU may observe that our Chymical Preparations here intended, are no other than a noble and ingenious way of preparing of Physick, for the benefit of the Sick, and credit of the Physitian, by the Art of Distillation; which Art, as some affirm, came first to knowledge from the Arabians, as the first Inventers thereof: but as this is not very easie to prove, so 'tis not much material to our purpose. We ought to understand that the Art of Distillation is the separating, or drawing Juices, Liquors, and other

Moistures more subtile (by vertue of different heats, as the matter may require) from most kinde of things. Or Distillation is by Art to separate a running Moisture first in vapors, arising to the head of the Still, and from thence is condensed and turned into liquor, running into the applyed Receiver: or it may be termed the changing of gross Bodies into thin and pure substances, separating the most pure part from the corrupt; or the making things perfect, which are yet immature or imperfect, by which way matter or things are brought to a far greater purity, with augmentation of their Vertues. Also by this Art of Distillation, are separated the pure, essential, spiritual Humidity, from the watry or flegmatick Matter. Or in few words, by Distillation may (from Herbs, Flowers, Roots, Seeds, Berries, Woods, &c.) be drawn Spirits, Flegms, and Oyls, and from their Fecies by expression a Vineger, and out of those Fecies after calcination, their fixed Salt. Out of Gums and Rozins are produced Spirits, Oyls, and at last a Balsom, or Red Oyl. In Salts, Minerals, and Metals, are various preparations, too tedious here to relate, the particulars you may find in the Treatise. For in this Art are many,
and

and various Considerations necessary to be learned, that is according to the matter to be distilled, to use seemly and proper ways whereby the Work may be brought to a happy end. Now all manner of Distillation may be performed divers ways, and in divers Vessels, according to the judgement and pleasure of the Operator, yet ought he carefully to minde that way most expedient for the guiding the Work after the best manner, and for that purpose to use such Vessels and Instruments most expedient for his intended Work. As for the Distilling of Herbs, Roots, Flowers, Leaves, Berries, for the obtaining their Spirits, Oyls, Vinegers, and Salts, there necessarily goeth before Distillation, Infusion and Fermentation. As for Vessels and Instruments useful in other Distillations, read in their proper places.

Of Lutum Sapientia, or Chymical Lute

BEfore we Treat of Distillations, it is convenient to declare the manner of Luting or Defending the Vessels from the violence of the Fire, and for the closure of the Joynts of the Vessel, which many neglecting,

lecting, do thereby loose their best Volatile and Penetrating Spirits, and so their Medicine becomes less efficacious, than if care had been taken; and for the prevention of such dangers, I have here at large described several sorts of Lutes, as followeth.

The best Lute for building of Furnaces, is made of sifted Potters Earth; or in defect of that, good Lyme, being laid abroad: sift into it a little fine Sand, and adding some Horse-dung, mixing the same with Brine of Flesh, or Salt-water, after incorporate and labour it well together with great diligence, the more the better; and if you add the Caput Mort of Aquafortis, first made soft by the addition of water, and mix them all well, this Clay will not crack, but remain fixt in the fire. Some add filings of Iron, powdered Glass, &c.

If equal parts of the Caput Mort of Virriol, or Aquafortis, be mixt with Tobacco-pipe Clay and some Horse-dung, it serves for the Coating of Glasses, and so will the former.

For the Closure of the Joynts of Glasses, you may first close the Receivers to the Retorts with the aforesaid Lute, and when dry you may smear it over with a mixture made of equal parts of Red-lead and Quick-lime,
or

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or Lime onely, ground well together with Lin-seed Oyl.

Or Tobacco-pipe Clay ground, or mixt with the White of an Egg, and spread upon a Cloath, and so applyed.

Or Ox-bladders dipped in the Whites of Eggs well beaten, and so applyed.

Old Loam and the White of an Egg, mix them into a Paste, and spread it upon a Cloath.

Or Linnen rags dipped in the water of Whites of Eggs, and applyed to the Cracks of Glasse, & so strowed powdered Quick-lime upon the same, put in two or three one upon the other.

Another Lute for broken Glasse is thus : Take old tough Rindes of Cheese, soak it in water all night, and then beat them up in a Paste, and spread them abroad upon a board, and strow upon it equal weight of Quick-lime powdered, and grinde them again; then mix them with well beaten Whites of Eggs, and make it into Paste.

Of the Structure of Furnaces for the Distilling of Vegetable Spirits and Oyls.



In this first Furnace A represents the body of the Still, set in Brick-work.

B The Head of the Still.

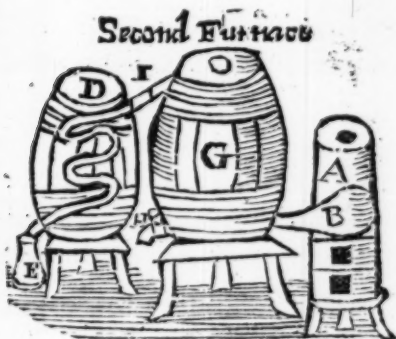
C The Wooden Vessel, containing the Worm, and the Water to refrigerate, and condense the Spirits.

D The Receiver.

This Form of Stills being common in use, need no farther Explanation.

This

This second Furnace was invented for the saving of cost and charges of a Copper-Still, and is to be understood as followeth:



- A** Represents the Furnace, which may be built of Brick, or made of Iron, and so be carried from place to place, with a Cover fitted to it, and five Vent-holes to take off, and put on.
- B** Represents the Copper Globe, made with a long Neck, passing through the Furnace into the Distilling Vessel near the bottom, and to the mouth of the Globe that is in the Vessel, must have a Basket, or some thin cloath over it, that nothing but water may come into the Globe.
- G** The Distilling Vessel, containing the materials to be distilled, made of Wood, and well bound with Iron Hoops, and in the Head let
be

be a great hole to put in the materials, which after the materials are in must be fast luted.

H The Cock, to let out the water after Distillation.

I The Pipe from the Wooden Vessel passing into the Worm, which ought to be large, that the Spirit may seek no other passage.

D Represents the Vessel containing the Worm, or Refrigeratory.

E The Receiver.

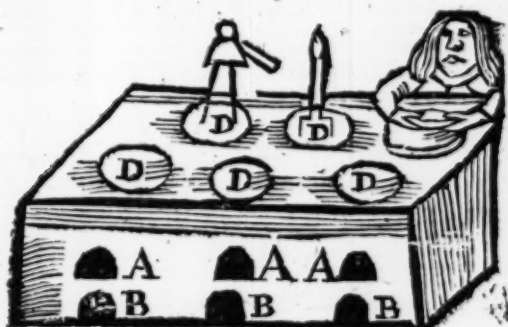
All the ill convenience that is in this way of Distillation, it performs not its work so quick as Copper Stills, yet less dangerous, because the degrees of fire cannot harm. The use of this Furnace followeth.

*The manner of Distilling by the second
Furnace.*

THe Materials being put into your Distilling Vessel, let it be fast joyned to the Copper Globe in the Furnace on the one side, and to the Refrigeratory on the other, and the hole at the top where the materials are put in, kindle the fire under the Globe, until all the matter in the Distilling Vessel boyl well, and the Spirit arise
and

and pass into the Refrigeratory, and there
condensing runs into the Receiver; conti-
nuing the fire until all the Spirits be out of
the Still, which is known by the taste.

*Of the Distillation by Balneo; and by
Sand or Ashes.*



Considering that in the former Treatise
of Oyl, I have mentioned Distilling
by *Balneo Maria*, or by Water and by Sand,
I thought therefore good here to make men-
tion of the Forms of such kinde of Furna-
ces which seemeth to be best, although eve-
ry man may vary his Form at his pleasure,
and to his own conveniencies.

*AA Here represents the Fire-place, which
ought to be fitted with Stopples of Stone.
The*

The inner part of the Furnace under the Kettles, ought to be round.

B Is the Ash-hole, or the place where the Ashes are taken out, and to clear the Grates.

DD and **o** the Kettles wherewith to put Water or Sand in, for the placing the Bolt-heads, Retorts, or other Bodies for Distillations or Digestion; and if you distil by Balneo Maria, or Water, you must have another Kettle with warm Water besides the Kettle your Retort or Long-body is in, to supply what evaporates.

If you Distil by Balneo Maria; the Glass-body ought to be fixed to a plate of Lead that is round, and formed thus:



But between the Lead and the Glass ought to be some Straw or Cotton, to hinder the breaking of the Glass against the Lead.

E Represents the Glass, a Limbeck, or Long-body.

CB Is

Book I.
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Ashes

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Is

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CB Is the plate of Lead whereon the Glass stands, and has a hole in the middle, that the heat may come to the Glass bottom.

CCG The strings fastened in the Lead.

DD The Collar about the Glass, to which the strings are fastened to the Glass-body.

Now the Glass being made fast to the Lead, put it as near as you can in the middle of the Kettle, and then fill it up with water: which being done, make your fire under. The water that evaporates must be supplied with hot water, that the Glass be not left dry.

As for Distilling in Ashes or Sand, let them first be sifted and strewed all over the bottom of the Kettles about three fingers thick, then place in your Glass, let it a little stoop or curvate to that side where you intend to place your Receiver, and then fill the Kettles full of Sand or Ashes, and after apply your Receiver; then make your fire first small, after increase it according to Art. If you intend to distil by moist Sand, which is the best way, toward the latter end, that your Oyl may not be burnt or taste of the Fire, then keep pouring into your Sand-Kettle where your Glass stands in, hot water; always supplying it with
more

more hot water, until all the Oyl be come over, and the Distillation ended.

By help of these Furnaces may the Spirits and Oyls of Vegetables be made, that is, the first Furnaces serve for the making of Oyls, and these for the rectifying of them; and the oftener any Oyl is rectified from calcined Tartar it borrows, the more subtile, penetrating, and of much more vertue.


The Form of a Winde-Furnace, with the way of Distilling by an open Fire,



I Shall here in a brief way discover the Furnace, and manner of Distilling by a naked

Book I. come spirits is, the Oyls, and calce, pe-
 naked Fire, used by Chymists for the distillation of the Spirits of Salt and Minerals, requiring a strong Fire: but first I shall explain the Furnace.

Oyls, and calce, pe-
 This Furnace may be built greater or lesser, at your pleasure, or according as your occasions serve, and may contain three or four Retorts at once, to be distilled at your pleasure; but I have proportioned this but for one onely. Let your Furnace be made like a Cillender, that is, round within, even from the bottom to the top.

the

 A Represents the Ash-hole, with Door or Stopple made to it, for the drawing forth of the Ashes, and clearing the Grates above this: within the Furnace let a Grate be placed of the same height.

B Representeth the way going into the Grate, or to put the fire in, which must be fitted likewise with a Door or Stopple, after this over-thwart you must bestow a strong Bar of Iron fenced with lute of Wisdom, which must reach from one side to the other of your Furnace, signified by the Letter C, to place te Retort there upon D the Retort, whose neck cometh out at E, which is a part of the Furnace left open till the Retort is in.

E The Cover of the Still, to be placed on after

after the Retort is in likewise.

G The Vent-hole at the top, fitted with a stopple.

H The Receiver, to be luted at the neck of the Retort.

I The Stool on which the Receiver standeth. Likewise 'tis necessary there were, besides the Vent-hole at the top, four Vent-holes on each side, fitted with stopples.

The Furnace being thus well understood, and all things ready, your Materials being in the Retort of Glass coated, or Earthen Retorts, and ready to be distilled, set the Retort in the Furnace, so that the bottom stand upon the Iron Bar, and the neck of the Retort come out on the open side, stooping downward as in the Figure, then lute a Receiver to the neck of the Retort with good lute; which being finished, put on the Cover, and lute it fast to the Furnace and close up that open place where the neck of the Retort cometh out, very diligently stopping the greatest Vent-hole at the top, and leaving one or two of the small hole open; let the Furnace be heated with little fire, and stop close the Door or Stopple B, but let the Stopple A be open, or almost open at least, that it may have some

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air to preserve the fire, and after take out the lower Stopple, increasing your fire according to Art.

Of the Distillation of Spirit, or Aquavivæ, from Lees of Beer, Wine, &c.

TO procure Spirit from Lees of Wine, Beer, &c. need little preparation, by reason they freely of themselves yield their Spirits, unless they be grown dry by standing, which then must be made moist again, that they may not burn; and being well mixt may be put into the Distilling-Vessel, the Joynts well closed, and so distilled until all the burning Spirits are come. By the same Rule after fermentation may the Spirits of Pears, Apples, Herbs, Seeds, &c. be distilled.

To Draw Spirits from all manner of Corn, or Grain.

First they must be prepared into Malt, and then ground, put into a Wooden Vessel, and pour upon the same so much cold water, as will mix it well; then after add

add so much warm water as will suffice to make the mixture moist, and but just warm; mix then with it some new Barm, cover it close, expose it to a warm place, and then it will ferment and ascend, and after the second or third day descend again: Then distil it, as before.

*Spirit of Fruits, Herbs, Flowers, Seeds,
Roots, &c.*

SEED must be broken, or ground small. Fruit beaten in a Wooden Mortar and Pestle; Flowers, Herbs, Roots, onely cut small; and upon these pour warm water and ferment added to vivifie it as before, and so distilled.

*Spirit of Herbs, Flowers, Seeds, Roots, &c.
another way.*

TAKE eight Gallons of *Aqua Vitæ*, macerate in the same about 3 l. of any dried Vegetable, let it stand till the next day, and distil it according to Art, and dulcifie it with the one eighth part of fine white Sugar.

Of

Of Chymical Oyls of Vegetables in general.

They must be prepared as for Spirits ; Woods must be rasped , upon which pour as much water as may make them swim, so that when the Distillation is ended, there may remain some water, that the Oyl may contract no stinking savour ; let them stand until the next day, and then distil the same , and the Water and Oyl will come over ; which let stand in a temperate place until the Oyl ascend above the water, or descend according to the nature of the Oyl, which after separate.

Oyl, or Essence of Vegetables.

Let the Tincture of a Vegetable be extracted with good Spirit of Wine, which separate from fecies, and pour upon the same so much Spirit of Sulphur , as the one fourth part of the Spirit of Wine, digest it in a Long-body in Sand , until the Red Oyl swim at the top , which is Essence of that Vegetable the Tincture was extracted from , and must be separated with a Separating-Glass.

The

*The Elixirating of Vegetables , or their
true Essence.*

BY the former Rules extract the Spirit, and Oyl; the Fecies calcine, and R with the Water of the Vegetable extract the Salt which filter, and after congeal into a body of Salt, from which draw off the burning Spirits, and calcine the Salt again, rectifying the Spirit from the same so often, every time calcining the Salt, until the Spirit be so pure as that it will imbibe its own Oyl: then put the Salt dry and well calcined in an Earthen Pan glased, and set it in such a place as may be open to the air, yet not in the least toucht by any water; pour upon the same so much of the Spirit and Oyl as will just cover the Salt: cover it with a thin Lawn cloath, stirring it three or four times a day, imbining it every day until the Salt has imbibed three times its weight of Oyl and Spirit, and this is true Elixir of the Vegetable.

Vegetables in generally Expression.

what thing you please affording
; stamp, beat, or grinde them
in them in an Earthen Pan well gla-
moisten them with good rich wine,
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cannot endure your hand in the
ring it well about, then put it into
Canvas-bag, and press it strongly
oden Press, and you obtain both
Water; keep the Oyl for your
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g to the nature of the Vegetable
e made of, viz. Oyl of Hemp-seed
a man pleasant, merry, valiant,
ierce to fight, void of fear; out-
y Uction makes the face fair.

Oyl of Raddish-seeds, made with
wine, is an excellent Dissolver of
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Elixir of the Vegetable.

Oyl of Vegetables in general by Expression.

TAke what thing you please affording Oyl; stamp, beat, or grinde them small, put them in an Earthen Pan well glazed, and moisten them with good rich wine, and set them over the fire until it be so hot that you cannot endure your hand in the same, stirring it well about, then put it into a square Canvas-bag, and press it strongly in a Wooden Press, and you obtain both Oyl and Water; keep the Oyl for your use. These Oyls have different vertues, according to the nature of the Vegetable they were made of, viz. Oyl of Hemp-seed maketh a man pleasant, merry, valiant, hardy, fierce to fight, void of fear; outwardly by Unction makes the face fair.

The Oyl of Raddish-seeds, made with Rhenish-wine, is an excellent Dissolver of the Stone, provokes Urine, driveth out Gravel, expels Winde.

Oyl of the Seeds of St. Johns-wort, is good against Poisons, Fluxes, Hemroids, Scabs, Ruptures newly begun, the placeointed, and wearing a Truss. It helpeth all manner of Wounds.

*Of the making most excellent, durable
Balsams of Vegetables.*

PRepare your Spirit, Oyl, and Salt, as in the Elixiration of vegetables, the Salt being often purified with the flegm of its own vegetables, and gently calcined every time (not melt) abstracting the Spirits every time from the calcined Salt, until they will assume their own Oyl; Then dissolve the Salt again in its own proper flegm, and admix it with the burning Spirits and Oyls, put them into a Bolt-head, stop it well that the Spirits may not exhale, let it stand in *B. M.* until it be firmly united, and turned into a white Balsam, and then let the Glass cool, and before 'tis quite cold pour it out into a pot, and 'twill congeal into a Balsam, which will dissolve in any liquor, and of very good odour and taste, for the same use as the vegetable, to be used inward or outward; and by reason of the Admixture of the Spirit of Salt, these Balsams are durable, and may be coloured according to the pleasure of the Artist, with the tincture of vegetables drawn with Spirit of Wine, and coagulated in the said Balsams.

*Particular Ways of making Oyls of Spices,
Herbs, Roots, Seeds, &c. with their
Vertues and Uses.*

Oyl of Cinnamon.

TAKE of Cinnamon 2 lb. grossly beaten, to it add of Tartar and decrepitated Salt, of each 4 $\frac{3}{4}$, mix them together, put them into a Glasse body, and pour thereunto so much Spirit of Wine as will almost cover the same; fit thereto a blinde head, lute it close that no Spirits may exhale, set it in Horse-dung or B. M. for fourteen days, then take off the blinde head, and apply an Alimbeck close luted with its Receiver; distil it with moist Sand, increasing the fire by degrees, so you obtain both Oyl and Spirit, which separate and keep each close stopp'd for your use.

*The Vertues of the Oyl and Spirit of
Cinnamon.*

This Oyl is very penetrating, and is good against all cold Diseases, especially for the Heart and Head, cures the shortness of Breath; although a man lay speechless with obstructions, and could scarce breathe, this would recover him. It helpeth all Diseases

coming of cold or flegmatick matter. It drives down Womens Terms, it bringeth forth Birth and After-birth, it helpeth the Cough, consumeth old Fluxes, causeth quiet sleep; it comforts the stomach, and exicates all noxious humours, corroborates the Heart, and is good in Feavers, Swounings, Poison, by taking two or three drops in Venice Treacle. It helpeth all wounds quickly; also the Spirit is good against the Diseases aforesaid, but the Oyl exceeds: But if to one pint of the said Spirit be added one \bar{z} of choice Myrrh, one \bar{z} of the best Aloes, and one \bar{z} of good Saffron, decre-pitated common Salt and Tartar, of each three \bar{z} , digest them together in a body and blind-head fourteen days, and then distilled in moist Sand, you obtrain an Oyl curing all the aforesaid Diseases, and likewise the Cough, Catarhs, Agues of all sorts, continual Feavers, Hectick Feavers, Asthma, Epeleptis, Convulsions, Palsie, Digestion lost, Tabres or Consumption of the Lungs, Cachexia, or Consumption of the whole body, the Dose to six drops.

Oyl of Cloves.

THe making of this is the same with the Oyl of Cinnamon.

The Vertue of the Oyl of Cloves.

It strengthneth the Brain, Head, Heart, and Liver, reviveth the Vitals; it comforteth the weak and feeble Stomach, helpeth Concoction, openeth Obstructions. It stayeth Vomiting, consumeth Flegm, helpeth a stinking Breath. It maketh the Heart merry, purgeth Melancholly. It healeth all manner of Wounds, Thrusts, Cuts. It comforteth the natural parts, it asswageth the Hemoroids, five or six drops may be drank every morning, or made into Lozenges, Troches, or Manus-christi, and so used. It preserveth from gray hairs, helpeth the Cholick, the belly being anointed. It correcteth the wind, and swelling of the Spleen. It corroborates the Womb, erradicates the Yellow Jaundice; three or four drops taken every morning, helpeth the suffocation of the Womb, or Mother.

Oyl of Nutmegs.

THis Oyl is made as the Oyl of Cinnamon.
Its Vertues.

It helpeth the Concoction of the Liver, by anointing the lower part of the Ribs on the right side; two or three drops drank cureth

the Cholick, outwardly used asswageth the swelling of the Spleen, by mixing two or three drops with Oyl of Fennel-seed, and anointing the Temples cures the grievous pains in the Head. If it be drank in Sweet-Marjorum water moves Venery, cures Catarrhs, Rheums, helps a cold and moist brain, strengthens those parts by anointing two or three drops at a time upon the crown; helps Swounding Trances, by taking one drop upon the tongue. It brings down Womens Courses, brings forth the childe alive or dead, helps the palpitations of the Heart.

Oyl of Mace.

THis Oyl is made as the Oyl of Cinna-
mon. *The Vertues.*

It hath great vertues against the Cholick that cometh of cold, and against Rheums. It comforteth the Heart, Stomach, and Womb, the Palpitations of the Heart, Obstruction of the Bladder, the Strangury, by drinking three or four drops fasting, in a convenient Vehেcle, or it may be made into Lozenges.

Oyl

Oyl of Pepper.

THis Oyl is made as the Oyl of Cinnamon.
Its Vertues.

This Oyl is hot and penetrating, it is good in windy Obstructions, the Cholick or flegmatick Humors; two or three drops drank it cures Agues, and is beneficial in all cold effects of the body.

Oyl of Saffron.

THis Oyl of Saffron is made as the Oyl of Cinnamon.
Its Vertues.

It is good in Pestilential Feavers, and against hot burning of the Body, Head, the Apoplexy, the Vertigo, the Hypocondraick Melancholy, the Cramp, or Convulsion of the Sinews, the Lethargy, Catarrh, Hoarseness, Squinancy, the pain of the Teeth; it corroborates the Heart, helpeth the beating or panting. It helpeth Sadness or Sighing, without manifest cause; it increaseth lust, and helpeth sterillity: it stoppeth the running Hemroids, hinders Miscarriages in women,

men, strengthens the children in the womb, helpeth the hardness of the Spleen, Cholick, Jaundice, the Sciatica, Erysipelas; the Temples anointed helpeth a drunken man, cures St. Antonies fire. It stoppeth the running of the eyes, one dropt mixt with womens milk and dropt in. The Temples anointed cureth Madnes, causeth rest, cleanseth old Sores.

To make Oyl of Bay-berries.

TAke of the best ripe Berries six lb, put them into a glass body, and pour there so much good strong Wine as will overtop it eight inches, put to every pound of Berries the powder of Tartar two $\frac{3}{4}$, and decrepitated Salt one $\frac{3}{4}$, let it stand close covered in a warm place eight days, then put on a Still head, and distil the same in Sand, according to Art, with a moderate fire first, after increasing the same until almost all be come forth, pour then into the Sand warm water, continually supplying it as it evaporates, that the matter burn not in the Glass, and so distil until the matter be all come over; separate then the Oyl from the Spirit, and keep them both for your use. By these

these ways may Oyls of all Berries be extracted.

Oyl of Bay-berries.

THIS Oyl is made as the Oyl of Cinnamon.
Its Vertues.

It is good to be used for the Megrims, the Cholick, cold and rawness of the Stomach, the Hemroids, the pains of the Womb; helpeth cold effects of the Nerves and Joynts, the Iliack Passion, the Lethargy; it is good against the Quotidian and Tertian Feavers, anointing the Back-bone a little before the Eir.

To make Oyl of Juniper-berries.

TAKE ten lb of Juniper-berries bruised in a Mortar until they be masht, put them in a Still-body, pour upon them so much water until it come within six inches of full, then lute on the head fast to the body, and to the Worm, make a moderate fire according to art, and there will come over a water and Ætherial Oyl swimming on the top, which carefully separate that it mix not with the water, and keep it for your use.

*Oyl of Juniper-berries.**Its Vertues.*

THis Oyl separated and well rectified, doth excel almost all other Oyls, for it penetrateth through all the fleshy parts, the Veins, Nerves, and Bones, makes all Wounds and Ulcers apt and fit for healing, being drank every morning, or taken in warm Broath, it preserveth the body in health, it restores crooked, contracted, dead Members caused by the Palsie. It takes away the black spots that are in the flesh after healing in Wounds or Ulcers. It healeth Cancers, Fistulas, Cramps, Swellings, old Ulcers, trembling of the Members, pains in the Side or Loyns, it resisteth poison and the Plague it self. It helpeth Imposthumes of the Liver, Spleen, Lungs, applying it outwardly, and taking it inwardly every day. It helpeth much sweating, by taking one \mathfrak{D} thereof with warm Wine and Vineger fasting in the morning. It disperseth flegmatick humours from the stomach, helpeth the Appetite to meat or drink. It expelleth all Feavers from the root, mundifies the Reins, breaks the Stone, helpeth the Decentery,

centery, Swelling of the Belly. It killeth Worms, it cures the Cholick, Fits of the Mother, Running Gout, being Elixirated with its fixed Salt, it causes much Urine without pain, brings forth Gravel, consumes the Stone, cures the Dropfie, helpeth the Strangury.

Oyl of Calamus Aromaticus.

TAKE the newest and sweetest, make it very thin in subtile slices, and bruise it very well in a covered Mortar, then put it in a long body of Glass, and to every pound put of Tartar and decrepitated Salt, of each two \bar{z} , mix them well, and pour thereon so much clear Fountain-water as will overtop the materials a hands breadth, lute fast a blinde-head, and digest it in a horse belly, or *B. M.* for twenty days, then put in a Retort, and in Sand distil it with a gentle fire for four or five hours, after increase it until all the liquid substance be come off; separate the Oyl from the Water, keep the Oyl close stopd.

Its Vertues.

It comforts the Memory, taketh away the Head pains and Catarhs proceeding of cold,

it helpeth the weaknes of the Stomach, cures Swouning, or those fall into a trance, stayeth Vomiting, moveth the Terms, rakketh away the suffocation of the Matrix, mundifies and opens obstructions of the Reins, breaketh the Stone, stayeth involuntary fluxes of the Seed and of the Urine; it restoreth the Hair, and preventeth Doting, Madnes, and Melancholy.

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Oyl of Zedory.

THis Oyl may be made as those aforesaid.

Its Vertues.

It hath a peculiar power against contagious and evil Vapours exhaled from the Earth, infecting the Spirits and natural Faculties: It cures biting and stinging of venomous Creatures, it cureth Ulcers and wounds, whether by stroak or gun-shot, it resolvethe all Tumour both inward and outward; it restores the Matrix to its place, it penetrates the Lungs, asswageth the Cough, cureth the Asthmatick, great difficulty of Breathing, Wheasung; correcteth the stinking mouth, helpeth concoction, it strengthens the Head, kills Worms, retaineth the fruit in the womb, and preventeth abortion.

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Oyl of Roses.

TAKE the most fragrant Roses, Damask or others, take the leaves with the whole Knots yellow in the middle of the Roses. To every pound of these put Sugar-candy and decrepitated Salt of each two $\bar{3}$, grinde and beat them well in a marble Mortar, then put them into a Body, and pour thereon a good quantity of good sweet Rose-water, cover it very close, and set it to putrifie in some warm place for the space of three moneths., then put them into the Distilling-vessel, and distil it according to Art, and you have Oyl and Water, separate them, and keep them close stopd.

Its Vertues.

It prevaieth against all pains in the Head, by anointing the Temples therewith; it mitigates violent Feavers by the same way: likewise using it about the region of the Heart, and a few drops drank, but if it be mixed with the Tincture of Gold, it is yet more excellent, for it purges the blood wonderfully, and roots out the Leprosie.

Oyl

Oyl of Fennel-seed.

THis Oyl may be made as that of Calamus Aromaticus.

Its Vertues.

It comforts the Brain, helps the Weak-fighted, it helps the Memory, increaseth milk in Nurses, cuts Flegm, diminisheth the Stone, resisteth poison, cures the Falling-sickness, pains in the Eyes, insomuch that if a man were almost blinde, it would recover him, dropping one drop or two in the eyes morning or evening; helpeth the Dropfie, Jaundice, provoketh Urine and the Terms, comforts the Stomach, breaketh wind.

To make Oyl of Anni-seeds, or Caraway-seeds.

TAke Anni-seeds, what quantity you please, put them in a Long-body, being grossly beaten, pour thereon so much strong Wine as will cover the Seeds in a Long-body, put on a Blinde-head, and set it eight days in digestion, then take off the Blinde, and put on an Alembick head, lute it fast, and likewise to the Receiver, distil in moist

moist Sand, as in the Oyl of Bay-berries,
and there will come over Oyl and Water.

Oyl of Anni-seeds, or Caraway-seeds.

Their Vertues.

THese Oyls have one and the same vertue, they are good against the Vertigo, helps Catarrhs distilling upon the breast, Indigestion, Winde in the Stomach, the Dropsie, Flux of the Womb, the Hearing, not above three years standing, if one drop of either of these Oyls be mixed with one drop of Oyl of bitter Almonds, and put in the Ears every morning. It helpeth the want of Appetite, by taking two drops morning and evening in Broath for some time; It helpeth difficulty of breathing, it opens Obstructions of the Liver, comforts the Inwards, preserves from the Apoplexy, and Palsie; It preserveth children from Convulsions, or Falling-sickness, by giving two drops in Capon-water, or with Oyl of sweet Almonds, every morning; It is good for women that have not their Courses in due order, or for the vapour or windiness in the Womb. It comforts the Matrix, and bringeth forth the Birth. It stayeth yexing
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and belching. In Plague time it is good to take two or three drops every morning, it expels fears and sadness, it prevents poisoning; it is good for those that cannot sleep quietly, helps difficulty of Urine; it prevents the Dropfie, by taking dayly four drops in the Water of Juniper-berries; It causeth a sweet Breath, it helps Venery, helps Bloody-flux, the Piles; it driveth forth poison by sweat, 'tis good in the Stone; Chests or places anointed with this Oyl, no Moth will come near.

Oyl of Dill.

THis is made as aforesaid.

Its Vertues.

It expels winde in the Bowels, helpeth Gripes in the Belly, increaseth Milk, stayeth Vomiting, Lasks, provokes Urine, helpeth suffocation of the Matrix, the Fumes conveyed into the body; it stayeth yex or belching, it digests, resolves, and asswageth pains; it ripens Humors, helpeth hollow moist Ulcers, if it be used much inwardly, diminisheth the Seed, and hurrs the sight.

Oyl of Cummin-seed.

THis Oyl is made as the former.
Its Vertues.

It expels Winde out of the body, is good for griping pains in the Guts, used inwardly by mouth, and by Clister, and to be laid outwardly with Barley-meal. It helpeth biting of venemous Beasts, being made up in Lozenges is good for Coughs, opens Obstructions, and causes a lively colour being often used.

Oyl of Parsley-seed.

THis Oyl is made as the former.
Its Vertues.

It opens Obstructions of the Liver and Kidneys, being drank. It helpeth the Dropsie, maketh a good Digestion, drives out Gravel, provokes Urine, expels winde, and is good in the Stone,

To make Oyl of Rosemary Flowers.

TAKE Rosemary Flowers what you please stamp them, and put them into a Glass,
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and pour good wine thereon, and stopping it very close, set it in a warm place ten days, and then distil it in ashes in a soft fire, and so thou shalt have Oyl and Water, which separate; keep the Oyl close stoppt.

Oyl of Rosemary Flowers.

Its Vertues.

IT helps the Vertigo and trembling of the Arteries, if they proceed of Cold; it expels pestilential Feavers, provoketh Sweat, drives out Poyson, helps the yellow Jaundice, the pains of the head though of many years standing: It stoppeth the Whites in women constantly and preserveth Health, comforts the Brain, increaseth the Memory, fortifieth the Sinews and Veins, resisteth all troubles of Spirit, helpeth defluxions of Humours, the Apoplexy, Palsey, Epelepsy, Convulsions; It helpeth Coughs and Hoarseness of the Throat, and soarness of the Breast, the Consumption and all diseases of the Breast and Lungs, it is most excellent for Palpitations, or pains at the heart, restores and strengthens the Vitals, it cures Agues, being taken before the Fit, and the Stomach, Spleen, and Back-bone.

bone first anoynted with the same, and then laid to sweat: It helpeth Digestion, Flux, looseness, recovers al Pains and Grievs in the Kidneys, Uretters, or Bladder, and is a most strong remedy against the Gravel in Kidneys or Bladder, taken in Renish-wine. It helpeth the Collick, it strengtheneth the Optick Nerves, helpeth the dazeling of the Eyes, strengthens the Sight, by drinking every morning two or three drops, and putting one drop into the Eyes, causeth pleasant sleep and driveth away all vain imaginations; It comforts the Heart, cleanseth the Blood, and thereby cureth Itch, Scabs; It maketh merry and causeth good Colours and a cheerful Countenance, it freeth Children from the Wormes by applying it to the Navel and Belly. It taketh away all causes that hinder Conception, provoketh womens Courses, helpeth all diseases of the Matrix, the Green Sicknes, it helpeth all Defluxions, Feebleness, Weariness, debility of Members, Gouts of the Joynts, helpeth the Tooth-ach, Deafness, causeth Hair to grow, and hinders the falling off. It is an assured Remedy for any Sore or Ulcer in the Nostrils, *Noli-me-tangere*, *Pollipus*, &c. It helpeth all diseases coming of cold and moist Humours, though never

never so evil; helpeth the Cancer, and Fistula and such like, a dead Body inbalm'd with this will not corrupt in many years, tis approved a most excellent Medicine, and of a grateful taste.

Oyl of Rue.

THis is made as the former.

Its Vertues.

It resists Poyson, helpeth the biting of venomous Beasts, it helpeth all diseases of the Eyes, one drop or two used in its own Water; it helpeth the Gout, Dropfie coming of a cold cause; It restoreth benum'd Members taken with the Palsie.

Oyl of Iue

IS made as the former.

Its Vertues.

Made into Lozenges, it cureth Consumption of the Lungs, Coughs, Catarrhs, shortness of Breath, Wheafing, the Collick, two or three drops drank helpeth the Cramp and shrinking of the Sinews; the Falling Sicknes, Dropfie, Gout, Ulcers, Scabs,

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Itch; It provoketh Urine, stayeth Vomiting, breaketh the Stone, killeth Worms, helpeth chaps in the Hands, 'tis good against the Pestilence; those that drink often of it, it expels the Poyson. It strengthens the inward Parts, stops womens Terms, it being anoynted from the Navel of a woman to the Privetie, and the reins of the Back, it strengthens the Matrix, dryeth up the superfluous Moisture, and prepareth it for Conception.

Oyl of Wilde Time.

THis is made as the former.
Its Vertues.

It cureth Poysons, bitings of venemous Beasts, Stinging: if applyed to the Forehead & Temples, with Oyl of Roses and Vineger, it taketh away the Head-ach and Ravening Frenzie, it bringeth down womens Courses, helpeth Gripings of the bowels and Cramps.

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Oyl of Garden Time.

THis is made as the former.
Its Vertues.

If three or four drops be drank in convenient Liquor, it cureth the painful Cough, short-

shortness of Breath, provoketh Urine, it expelleth Birth, and After-Birth dead or alive, provoketh Terms, dissolveth congealed Blood. Helpeth the Sciatica, wind in the Sides or any part of the Body, cureth the Gout, taken with Oximel: it ripens Flegm.

Oyl of sweet Marjerom.

IT is made as the former.

Its Vertues.

If drank in White-wine hinders the coming of the Dropfie, helpeth such as cannot piss but by Drops, helpeth the Gripes, Convulsion, Epelepie, provoketh womens Terms; If a little of this Oyl with Oyl of bitter Almonds snufft up the Nostrils, purges the head, helpeth those that have lost their Smelling, the Apoplexy; It helpeth the stinging of Scorpions.

Oyl of Sage.

IT is made as the former.

Its Vertues.

It helpeth congealed Blood in the Body,
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provoketh Urine, comforts the Heart, easeth the Stone, the Head-ach, bloody Flux, biting of venemous Beasts, women with childe, using a little in drink; It hinders abortion or Miscarriage, and causeth the fruit to be retained; It maketh women fruitful, it helpeth the Palsie, Apoplexy, and Obstructions of the Liver.

Oyl of Peneral.

His is made as the former.

Its Vertues.

It bringeth down womens Courses, canyng forth both Birth and After-Birth, ripens, provoketh Urine, breaketh the Stone in mens Kidneys, used in Honey or made up in Oyl of Sazenges; easeth the Lungs and Breast from tough Flegm and gross Humours, it helpeth the Cramp and the Contracture of the newes, if it be drank with raw Vineger stayeth Vomiting, and the gnawing pains of the Stomach; drank with wine and applyed likewise, helpeth the biting of venemous Beasts; It is good against the Falling-Sickness, the Temples and Nostrils anointed with the same; It taketh away stinging Pains and Giddiness of the Head,

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Body,
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'tis good for those whose Brains exceed in Moisture. It easeth the Pain of the Gout, the Fumes helps the Windiness and hardness of the Mother.

Oyl of Mints.

THis is made as the former.
Its Vertues.

It warmeth and strengthneth the Stomach, dryeth up superfluous Moisture, helpeth Vomiting, and helpeth those that vomit Blood, being drank with Rose Vinegar, helpeth the Gripes, Collick, stoppeth overflowing of the Menstruums, 'tis good against Gravel, Disury and Strangury.

The Oyl of Peony-Seeds.

THis Oyl is made as the former.
Its Vertues.

It is singular good in the Falling-Sickness, not onely for those of younger years, but for the more aged, taken in a convenient Vehicle, for forty dayes fasting in the morning.

Oyl of Spike, or Lavender.

IT is made as the former.

Its Vertues.

It is used in Griets and Pains of the Head coming of cold Cause, as the Apoplexy, Falling-sickness, drousie or sluggish Malady Cramps, Convulsions, Palsies, Fainting, provoketh womens Courses, expelleth the dead Childe and After-Birth, helpeth the Collick, and difficulty in making of Water, Tooth-ach, smelt unto and applied to the Nostril and Temples, helpeth Fainting and Swoonings.

Oyl of Worm-Wood.

IT is made as the former.

Its Vertues.

It provoketh Urine, helpeth Sursets, swelling-Swelling of the Belly, causeth Appetite, preserveth health; 'tis good in the Quinsie, biting and sting by venemous Beasts, hardness of the Spleen, windy obstruction of the whole body, stinking Breath, dull Brain.

Oyl of Tobacco.

IT may be made by it self, or by the Addition of Water.

Its Vertues.

This Oyl is rarely used inwardly by reason of the noysomness outwardly, it helpeth the Megrims, Head-ach, pains in the Bowels, and Mother-fits, Tooth-ach, Kings-evil, biting of venomous Beasts, Worms in Children, Cramps, Aches, Sciatica, Itch, Scabs, Ulcers, Cankers, foul Sores, Wound, and old Ulcers, Impostumes, hard Swellings, Lice, Wounds with venomous Darts, biting of venomous Creatures. The last remaining in the Ashes, being Clarified and Inbibed with its own Oyl, and made up in some fit Troches, the quantity of half a Grain in each, and one taken every morning will help the Body soluble.

Oyl of Clary.

IT is made as the former.

Its Vertues.

It cleareth the Eyes and strengthen them

them, strengthens the Back, pulls out Thorns
or Splinters, allays Swellings, provoketh
Lust, brings down womens Courses. It
doth allay Fellons, Boyls, bringeth forth
Ad- Birth and After-Birth, excicates Flegm.

*Particular ways of making the Oyls of
Gums and Rozins, &c.*

To make Oyl of Mastick.

TAKE good Mastick, grinde it into a most
subtile powder, put it in a Bolt-head, or
Long-body, and pour thereon so much Spi-
rit of Wine as will overtop it six fingers
breadth, lute it close and digest it in a horse
belly, or St. Maries Bath, for eight and forty
hours, or until the Spirit be singed, which
then decant and filter. Pour upon the Fe-
cies more Spirit of Wine, and set again in
digestion, and repeat this work of Infusion,
Digestion, and Separation, until all be dis-
solved. Put all the tinged Spirits together,
and stop the Glass close they are in, then
take forth the Fecies, if any be, and mix
therewith fine white Sand, put it into a Re-
tort, and pour thereon all the tinged Spi-
rits, place it in Sand, lute a Receiver, and
by a very gentle heat distil off the Spirits,

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and

and then increase the fire by degrees, until all be come off, then separate the Oyl from the Spirit, then apply to the Receiver again, well lute, and by a most strong fire distil off a red Oyl.

To make Oyl of Mastick another way.

TAKE of Mastick one lb, of white Sand one lb, decrepirated Salt one handfull, mix them well, put them in a Retort, whereunto lute a Receiver which hath in it one pint of fair water, then distil it first with a moderate heat until the white fumes be come over, and they begin to come red. Change the Receiver, and apply another Receiver, making a strong fire, and distil from them a red Oyl like a Ruby, and at last a blackish Balsam to be used outwardly; the Oyl and Water rectifie *per B. M.* and separate the Oyl from the flegm; keep it close stopr.

To make Oyl of Mastick another way.

TAKE powder'd Mastick, fill the half part of a Retort with the same; pour upon the same

Take so much Spirit of Salt as will over-top the same; then place it in Sand, give fire by degrees, and there will come over first some flegm, and after a clear transparent Oyl, together with the Spirit of Salt, which keep by it self; after this a certain yellow Oyl, which receive by it self; and after a red Oyl.

The Vertue of the Oyl of Mastick.

THIS Oyl is good against a hot doting brain, and also a cold brain; restoreth the Memory, helpeth a cold Stomachs stuffing and choaking with Flegm, Catarrhs; it comforteth the Liver and all the Intrals; it helpeth against vomiting Blood, it consumes and helpeth all inward Sores, Bruises, Imposthumations, stoppeth Fluxes and Womens Terms, by drinking and often anointing the belly; helpeth the pain of the back, Pusses, Chaps, Piles, Swellings of the Fundament, and against the falling down of the Womb, Matrix, it being anointed therewith, and also the bottom of the belly, and after putting it up; it helpeth the superfluous and preternatural redness in the Face, and all other parts. It amends Deafness, and Weakness of Sight, restoreth lost

Smelling; it opens the obstructions and passages of the Nostrils and the Brain, the Scurvy and putrefaction of the Gums, and the exulceration of the tongue. It preventeth Womens Breasts from growing over great; 'tis good for the Bursten, by anointing the place, and after wearing a Truss. It helpeth fresh Wounds.

Oyl of Myrrh.

THIS Oyl is made as the first Oyl of Mastick. *Its Vertues.*

It corroborates the Brain and cold Stomach, expels winde in the body, and causeth to go to stool; It expels rough Flegm, helpeth difficulty of breathing, the Lethargy, Forgetfulness, and sleepy Disease; It expelleth Worms, and stoppeth too much flowing of Womens Courses. It preserveth the sight of the Eyes; two or three drops put therein, helpeth pains of the Ears. It maketh a sweet Breath, cleareth the Voice, stoppeth the Flux of the belly, comforts the Gums and Teeth, stayeth the Hair from falling. Oyl of liquid Storax is made the same way, and the vertues are the same.

Oyl of Storax Calamite.

THis is made as the Oyl of Mastick.
Its Vertues.

It comforts the Breasts, Lungs, and inward parts, three or four drop drank, and the place anointed with the same; It stops Catarrhs that fall upon the Breast & Lungs; It maketh a man merry, addeth courage; It taketh away ringing of the Ears.

To make Oyl of Benjamin.

Dissolve Benjamin in Spirit of Wine, and then distil it as in the second Oyl of Mastick, or pour upon the Solution Spirit of Salt, and distil it as in the third way of Oyl of Mastick; 'tis chiefly used in Perfumes.

To make Oyl of Galbanum.

TAke good Albanum, put it into a Bolt-head, pour upon the same some Spirit of Wine, stop it close, let it be resolved in

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B. M.

B. M. pour it then in a Retort with fine white Sand, and distil the same with a Sand-kettle, and distil off the Spirit with a fair yellow Oyl, which reserve.

Its Vertues.

'Tis good against old Coughs, Short-windedness, or difficult breathing; it is good for such as are bruised within, Cramps and shrinking of Sinews, if it be drank with Oyl of Myrrh; It helpeth against poison, or venome drank, or Shots with venomous Darts, or the biting of Adders or Snakes; It provoketh Womens Courses; bringeth forth the dead Childe, Birth, and After-birth, applyed to the Navel bringeth the Matrix to his natural place. It moistens and softens, and draweth forth Thorns and Splints in the flesh; it helpeth the hardness of the Milt, or Spleen. The Perfume of this Oyl driveth away Serpents, no Beast will have power to seize him that is anointed all over with this Oyl.

Oyl of Sagapenum.

THis dissolved in Wine, or Spirit of Wine, is made as the Oyl of Galbanum

Its

Its Vertues.

This Oyl is good for the Stitch in the side, it helpeth the Cough, Cramps, Hip-pains of cold; being drank in Wine is good against Poison, and is also good against the biting of the Adder: Women with childe ought not to use it.

Oyl of Opopanax.

IT is made as that of Galbanum.

Its Vertues.

This helpeth Coughs, Stiches in the side, helpeth winde in the Matrix, and causeth a speedy Delivery to women.

Oyl of Euphorbium.

THIS Oyl is made as aforesaid.

Its Vertues.

This Oyl is too hot to be used inwardly, outwardly mixed with some Honey, and applyed to the Navel, purges the Belly; It draweth out thorns out of the flesh, it helpeth stiffness in the Joynts coming of cold, and the stinging of Adders.

To make Oyl of Amber.

YOU may distil this Oyl of Amber as the Oyl of Mastick; Or, take one lb. of Amber grossly powdered, and three parts of fine white Sand, mix them well, and put them in a coated Retort of Glass, and applying a large Receiver well luted, being set in an open fire, distil it with a very small fire for the first eight hours, then let it be increased for six hours more, and after make the fire as strong as possible you may, until all be come over, or the Receiver be clear. The work being ended, take off the Receiver, and pour the Oyl with the volatile Salt into a Retort, wherein put calcined Tartar about half the weight, place it in Sand and lute it to a Receiver. Make a small fire under, and first will come over a white Spirit, or Flegm, and next to it the true Oyl of Amber of a yellow colour: but when it begins to come red, take off the Receiver, apply another, and receive the red Balsam by it self. This red Balsam is used onely in Cataplasms, or Balsams; or in the Fits of the Mother, one drop drank is good.

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The Vertue of the true Oyl of Amber.

If this Oyl be rectified from calcin'd Tartar four or five times, it is of a most admirable vertue; three or four drops given in a morning, it profits against the Apoplexy, or Swooning-fits; but in time of the Fit rub the tongue of the Diseased, anoint the Pulses, the Nostrils, and let them drink some down into the body. It helpeth the Cramp, Epelepfie, and Suffocations of the Matrix anointed outwardly, and taken inwardly in Betony-water, or Lozenges may be made with some of this Oyl in them. If you anoint the Nape of the Neck and Nostrils, it stayeth Catarrhs of the Head, it correcteth the malignant Air, especially in the Plague, if you take of this Oyl and Oyl of Cloves alike, mix them and dip some Cotton into them, and use to smell to the same often. It sendeth forth both Birth and After-birth, alive or dead, if from ten gr. to one \mathcal{D} be given at a time in Varvain or Mugwort water, or Manfie. It prohibiteth and driveth away Mother-fits, and the Suffocation of the Matrix, or Strangling of the Womb, if a few drops be used to the Nostrils, and about the Region of the Heart, Breast, and Navel, and by taking of it six gr. of Oyl of Cummin-seed, as much in Fennel-water. It helpeth

peth grief or pains in the Arteries, Veins, or Sinews, the Cramp or such like Contra-ctures, or Weakness, by mixing it with some proper Balsam, and using it warm. It cleanseth the Bladder, Reins, provoketh Urine, if it be drank in Rhenish Wine, or Parsley-water. It is good in the Plague, or those that have drank poison, if from 1 \mathfrak{D} to 2 \mathfrak{D} be drank in a Cardus-poffet, and so sweated in a bed; and thus it cureth any other Feavers, either Quotidian, Tertian, or Quar-ran, &c. It helpeth Fainting, Swooning, Palpitations of the Heart, Swimming of the Head, by drinking three or four drops in Piony-water.

It strengthens the Heart, fortifies the Liver, and dryeth up Rheums in the body, if it be drunk in Balm-water. It cureth the yellow Jaundice, if taken in Endive-water, or Succory, or Celendine.

It helpeth the Chollick, one \mathfrak{D} taken and some applyed to the grieved part. It bringeth down Womens Courses, seven or eight drops taken often in Balm-water. It cureth the Vertigo, and Dimness of Sight.

It removeth the dulness of the Brain, and pricking in the Side, by drinking seven or eight drops in Wine. It cureth the pains in the Teeth, coming of Rheums, if it be mixt with

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with Plantine Water, and therewith gargarize the Teeth and Gums. If it be taken about twenty drops, with fifteen drops of Oyl of Cinnamon in a proper Vehicle, and the party lye still in the bed, it taketh all symptoms of the After-pains in women: the general Dose is from three drops to thirty drops.

Oyl of Amoniac.

OYL of Gum Amoniac is made as that of Galbanum.

Its Vertues.

It helpeth the Cough coming of moisture, it purgeth the Breast, and helpeth Ulcers there, it dissolveth hardness and swellings, taketh away the pains of the Gout, and used with Oyl of Wormwood upon the Navel, killeth the Worms.

Oyl of Sarcocolla.

THIS Oyl is made as the former.

Its Vertues.

It is an excellent Balsamick Oyl in all Wounds, it filleth them with flesh, and pur

ges all old Sores without pain, breaketh hard Imposthumes; it helpeth those that abound with flegmatick humours.

To make Oyl of Castor.

TAKE the fattest, cut it very small and thin, put it into a Bolt-head, pour thereto rectified Aqua Vitæ so much as will cover the same, lute it close, and set it in B. M. two days, or till it be resolved, then pour it into a Long-body, and fasten on a Head close, set it in B. M. and lute a Receiver, distil off the Spirit of Wine, and the Oyl remaineth, in which Oyl put three times its weight of fine Sand, and per-Retort in Sand, distil off all the Oyl, which rectifie and keep for use.

Its Vertues.

This Oyl is good against all cold Cramps, Palsies, being mixed with Vineger and put up the Nostrils comforteth the Brain, taketh away the pains of the Head, the Falling-sickness, it provoketh Womens Courses; 'tis excellent in the Apoplexy, it moveth Venery, it cureth the Cholick, strengthens the natural parts, helpeth the Suffocation of the Matrix, and helpeth Convulsions.

Of

Of making Oyl of Frankincense.

THis may be made with Spirit of Salr,
or thus: Take of Incense one lb. and
two lb. of purified Sand, let them be well
mixt, put it into a Retort, set it in Sand,
and apply a Receiver close luted, making
a gentle fire under until all the substance be
come forth, separate the Oyl for your use,
and likewise the Water.

Its Vertues.

The Water of it self, if drunk, cureth the
Winde in the Stomach, it helpeth Chaps in
the Hands and Feet, if they be washed there-
with, and after applying the Oyl warm be-
fore the fire at night going to bed, then put
on a pair of Gloves, and keep them on all
night.

It certainly helpeth simple Wounds, it
preserveth flesh from putrifying, taketh
away all Pains, helpeth all Bruises.

To make Oyl of Turpentine.

TAke good Turpentine one part, and
three parts of good clean Sand, mix
them

them well in a Retort, or other Distilling-vessel, lute the Joynt very close, place it in Sand, and fasten on a Receiver; make first a small fire, and after increasing the fire to the height, until all the substance be come forth, and the Receiver be clear; take away the Receiver, and pour the matter in a Retort upon calcin'd Tartar. Set it in Sand, and apply a Receiver luted, make a small fire, and there will come over a pure, clear, white, cristalline Spirit, and after it a yellowish Oyl, which being all come, which you may know by the colour, which at last will come red, change the Receiver, make a fire to the height, and draw off the Balsamick Oyl; reserve each by it self.

The Vertue of the Oyls of Turpentine.

The yellowish Oyl of Turpentine helpeth obstructions and stoppings of the Urine, 'tis good against all Pains or Grieffs in the Back and Loins, proceeding of Cold. It helpeth the Stone, pissing of Blood, and against cold Catarrhs, breaketh winde, dissolveth the Plurisie, helpeth Appetite, the Stomach anointed, helpeth stinking breath.

The red Oyl is good outwardly against wasting, pining Members, Contractures of Sinews, and also against wandering, running

ning Paines and Aches of the Joynts; it helpeth fresh Wounds in four and twenty hours.

Oyl of the Philosophers, Or the blessed Oyl.

TAke new Bricks never toucht with water, break them into pieces a little bigger than a Walnut, burn each piece in the fire until it be almost red hot, then quench them in Oyl-Olive, and this putting in of hot Brick use until all your Oyl be inbibed with the pieces of Bricks; put these pieces of Bricks in a coated Retort, set it over a naked fire, and apply a large Receiver close luted, and distil it according to Art, in sixteen or twenty hours you obtain a white Flegm, a yellow Oyl, and red Oyl, which you may rectifie from calcin'd Tartar four or five times.

Oleum Sanctum, or Oyl of Bricks.

TAke new pieces of Bricks, and break them in little pieces, and put them into a large Crucible, and heat them almost red hot, and quench them in a Wooden Bole
almost

almost full of old Oyl-Olive, and therein let them lye until they be cold, then take them out and quench more therein, and this do till all the Oyl is inbibed in the pieces of Bricks, after powder them and put them into a coated Retort, and pour into the Retort so much more Oyl-Olive as may surmount the powder of Bricks a finger in thickness, and then put into the same Castor, of Spikenard, of Rose-seeds, anna one eight part (after they are well pounded and bruised) mix them well with the Powder and Oyl, and set it in a warm place for forty days; which ended, set them over a naked fire, and lute thereto a large Receiver, after make a fire under, which must be very soft and gentle at first, and by degrees increase the fire, at last force over all by a strong fire; at first will come over a water white, when it begins to come yellow then change your Receiver and lute fast another, and there will come a yellow Oyl; when it begins to come red, change the Receiver again, and reserve it by it self; rectifie the yellow Oyl from calcin'd Tartar four or five times.

Its Vertues.

The yellow Oyl well rectified, helpeth all cold Distempers whatsoever, the Falling-sickness,

sickness, the Palsie, Vertigo, Lethargy, and Forgetfulness. It provoketh Urine, breaketh the Stone, and killeth Worms; It helpeth ringing of the Ears, proceeding of gross winde, the Sciatica, or Aches in the Hanch-bone, the Gout in the Hand, Knees, or Feer, weak Back, hardness of the Spleen, being drank fasting, and the place anointed very warm by a fire. It heateth the Brain, helpeth Memory, asswageth the Tooth-ache, brings down Womens Courses, cause safe delivery to them, brings forth the Childe alive or dead. It dissolveth congealed blood, and purges the Lungs, and helpeth them that draw their breath painfully, by drinking a few drops with Syrup of Roses. It resisteth cold poison, as the sting of Scorpions, Adders, &c. cureth them that have taken black Poppies, or Henbane, into the body.

To make Oyl of Wax.

TAKE the best yellow Wax, melt the same in an Earthen Glasse Pan, and put into it three parts of Vitriol calcin'd white, mix it well and put it into a coated Retort, set it over a naked fire and lute fast a Receiver,

ceiver, make a small fire, and raise it by degrees until all the Oyl be come forth, which will be yellow and very clear, which rectifie from calcin'd Tartar two or three times.

Its Vertues.

This Oyl cureth all wounds by annoyn-
ting and applying a cloath wet in the same
in few days mollifieth and pacifieth Ulcers,
it penetrateth and resolveth them, it miti-
gates to admiration all pains in the Gout,
and Joynt-Aches, it helpeth Ulcers, Chaps
in womens Nipples, instantly it asswages
all Swellings, it restoreth crooked and
contracted Members, it cureth womens
Breasts that swell and are Ulcerated. By
applying this Oyl with Oyl of sweet Al-
monds, cureth the Bursten, applyed warm
morning and evening, and then a Truss
used. It stayeth the Hair from falling, and
causeth it to grow, it provoketh Urine,
cureth the Collick, helpeth the Sciatica,
Stitches, and all other griefs of Cold.

The Quintessence of Honey.

TAke of good Honey one part, and three
parts of pure clean Sand, mix them
well,

well, and pour upon the same good Spirit of Wine, that it overtop it three fingers. Put upon it a Blinde-head, stop it very close, and digest it seven days, then take off the Blinde-head, put on an Alimbeck-head, and lute it fast to the Body and to the Receiver, place it in sand, and distil by a small fire all the spirit of Wine, and when the white Fumes arise, change the Receivers, and wet the head of the Alimbeck with a cloath, and there will come over a white Water and a red Oyl, and keep it thus distilling until all the red Oyl be come off, the Receiver cold, then put it in a Retort, and rectifie it for six or seven times, and 'twill be of the colour of Gold, having a grateful Taste, and pleasing Smell.

Its Vertues.

This is of such Vertue that if any drink thereof, he will recover presently, let his disease be what it will; If you wash any Wound therewith, 'twill heal quickly, it is good against Coughs, Catarrhs, and pains of the Spleen, and many other Diseases; in short it is a Medecine whereby the Physician will get both honor and credit.

Quintessence of Mans Blood.

TAKE of the Blood of a yong sound Man, of which there is enough to be got at Spring and Fall, from such as let Blood for recreation, or as they say, for prevention of diseases; of this four pound, let it stand a while, and separate the Water and put to the blood of decipitated Salt, Spermaceti, of the marrow of an Ox, anna one pound, chafe and mix them very well, put them in a glass Long-body, with a Blind-head close luted, set it in a Horse-belly or *B.M.* for forty days, then take it out and distil the same in ashes, (applying a Still-head and Receiver close luted) to seven, times every time returning what is distilled upon the Fecies, and there will issue out first a white Water, next a pale, and the third a yellow, and lastly a red Oyl somewhat thick, put them all together in a Vessel close covered with a Blind-head, circulate it again forty days in a Horse-bell or *B.M.* and they will become most grateful and of sweet favor.

Its Vertues.

If you give about three or four drops to a sick

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sick man with a little Wine, although he was almost deprived of all his strength, and speechless, yet would he become strong, and speak again; If a man every day shall drink one drop of this Oyl with Wine, he shall become well in Minde, and sound in Body throughout all his Members, and shall prorogue and put off Age very long, he cannot be hurt with Poyson; It healeth the Leprosie, Morpew, Palsie, and such like Diseases; If one drop be drank every day in Wine, 'tis admirably profitable in the Hectick Feavor, if taken in some appropriated Julip, or Medecine for that purpose; it preserveth the Body from all Sickneses, by using thereof dayly, and helpeth not onely some but every inward Disease; It cureth the Epelepsie or Falling-Sickness by drinking one \mathfrak{D} every day in Piony Water for thirty days, if they begin at the new of the Moon. It cureth old Ulcers, Fistulaes, Bruises, being used both inward and outward.

Oyl of the Blood of a Stag.

TAKE new fresh Blood, put it into a Retort, put to it calcind Tartar, and apply

ply a large Receiver close luted, make a gentle fire, that first the Flegm may come over, which being come off, apply another Receiver, and urge the fire a little more until the Oyl and volatile Salt be come off in the neck of the Retort, which mix with the Oyl, and seven times rectifie it from calcin'd Tartar, keeping the Oyl for your use.

Its Vertues.

It expelleth the very matter of the Gout fundamentally by stool, by taking some few drops in its appropriated Liquor.

Oyl of Lignum Vitæ, or Guaiacum.

THIS may be made persee, or by the general process of Oyls, by help of common Water, decipirated Salt, and Tartar:

Its Vertues.

Your Oyl must be made without addition, if you intend to have the Salt pure. The water that cometh over first with the Oyl may be drank in Wine, the Oyl is to annoynt Sores or Aches, and the Salt is to purge the Blood, and the Order to use it is thus; In the Gout, Pox, or Palsie, take one \mathcal{D} of the Salt, and twenty three of Venice

nice Treacle, and mix them well, and give of it to sweat, for it driveth out all Venemous and gross Humors; if any Sores be in the Body, mundifie them first with the Salt, and after apply to it the Oyl, also give them every morning in the bed, two spoonful of the Water with Renish-wine, and sweat thereon, and thus you may help the Pox, Gout, &c.

Oyl of Camphire.

TAKE Salt of Wormwood, and of Camphire, of each $\frac{3}{4}$ lb of sweet Almonds three $\frac{3}{4}$, mix them well and put them into a Glass close stoppt, in a moderate heat for two days. Then distill them par retort in Sand, and when all is come off, to the remainder in the retort put one $\frac{3}{4}$ more of the Salt of Wormwood, and pour in the Oyl that was distilled, and mix them again, and then distil it; this do five or seven times, the Joynts always well stoppt, and you obtain a pure clear and effectual Oyl.

Its Vertues.

It freeth and delivereth the infected with the Plague, by drinking four or five drops in Cardus Water, or other Proper Liquors, It

It helpeth Pains and Grievs of the Head, Swoounding, or Trance. It helpeth the Collick, Vertigo, and Falling-Sickness, or Convulsions in Children, by drinking three or four drops in a proper Vehicle; 'tis good against all inflamations of any Part or Member being anoynted. It happily cureth Wounds, other wise incurable.

To make Oyl of Moss and Whites of Eggs.

TAke a quantity of Eggs, boyl them very hard, and take the Yculks from the Whites, stamp them in a Mortar, then put them into a Frying-pan, and set them over the fire upon a Trevet, and make a good fire under, keeping continually stirring them until it be turned to an Oyl blackish, pour this matter sepzrated from its Fecies into a por, and keep it for your use, or rectifie it par retort in Sand; It will come over as yellow as Gold. This Oyl helpeth Wounds speedily, maketh Hair black, it taketh away the Pains of the Hemrhoids, it is most excellent for burnings with fire, or scalding with water.

The White being bearen, and by help of a Bolus distilled, yield a White Water some-
what

what ponderous, which cohobated upon, addeth to the fixation and giveth a coralline colour.

Elixir Proprietatis.

TAke clear Aloes, of the best Mirrh, and of the best Saffron, of each one $\bar{3}$, let the two former be exactly beaten, and let the Saffron be made into a round figure by pounsing, let them be put up in a large capacious Long-body, seal it up by melting the neck of the Glas, and setting it in Sand making a moderate heat under, that the Glas burst not, until you see the whole lump grow together in the bottom, and a clear Oyl with Water circulated on the sides of the Glas, which will begin in three days, then let the Glas be opened, and pour into it one pint of highly rectified spirit of Cinamon without Flegm, lute it up again and set it in B. till all be resolved; then put therein three $\bar{3}$ of Spirit of Sulphur, and close the Joynts well again, and digest it until the Elixir swim on the top of the Spirit of wine, which separate by a Separating-Glas, and keep close stopt as a precious Medicine.

Its Vertues.

This Elixir preserveth Bodies from Corruption, preserveth the same from future Diseases; It cureth every Disease incident to the Body of Man, neither is there any vegetable Medicine that doth exceed it. It most certainly cureth all Agues, the Quar-tain, continual, or any other Feavor, Asthma, Falling-sickness, Palsie, Atrophia, Scabs, or Consumption of the Lungs.

Rozin of Jallap.

TAke Jallap well cleansed, dried, and powdered, put it into a Bolt-head, pour upon it very good Spirit of Wine, that it overtop the same a hands bredth, close up the head, set it in *B. M.* until your Tincture is coloured as red as Claret, in eight or ten hours pour off that and put on more, and about the same time it will again extract the Tincture, which pour off to the other, and if you please you may extract once again; put all your Tinctures filtrated into a Cucurbit, and by *B. M.* draw off more than the half of spirit of Wine, which may serve for the same work again. Take your Glass out of *Balnum* and pour into it fair clear Water,

Water, and the Jallap will precipitate to the bottom. Set it in B. M. again, and draw off the remaining Spirit of Wine, and the Water and Jallap will be onely left, which pour out in an earthen glased Pan, and wash it three or four times with fair water; dry it gently before the fire or in hot embers. By the same rule is Scamony prepared, which may be made in Pills with Oyl of Cloves, or ground to a very subtil powder with three parts of Cream of Tartar, and so may be dissolved in Water, Broath, or any Liquors, or mixed with Conserves of it self.

Its Vertues.

Its use is to evacuate superfluous Seriosities from all parts of the body, as the head and other parts; the dose is to gr. 20.

Rozin of Scamony.

TAke good Scamony, dissolve it in well rectified Spirit of Wine, and separate the Solution from Fecies. In B. M. abstract the half part of the Spirit of Wine, and to the remainder put cold fair water, and the Scamony will precipitate and become most white, the black matter will remain on the top, which separate and wash away. Then

take the Gum, and wash it well, and dry it and keep it for your use.

Its Vertues.

This Powder is a most noble, pleasant, and gentle Purge, having neither taste nor smell, purging the body without offence; It purgeth all manner of humours, and therefore good in all Diseases requiring purging Medicines. Its Dose inward is to twenty grains, either in Powder or made up with some distilled Oyls, or mixed with a like weight of Cream of Tartar in Powder, and half its weight of Antimony Diaphoretick, it is called Pulver Come-kinne, and purges very safely all noxious humours; the dose is for twenty grains to fifty grains.

A Cordial Stomachical Purgative Tincture.

A Loes ζ 3, Myrrh, Saffron, of each one ounce; Mastick, red Rose-leaves ζ 3. Extract the Tinctures with rectified Spirit of Wine, which decant from fecies, and in B. M. separate the Spirit of Wine to thick Joyce, which whilst hot put up in a pot for your use.

Its

Its Vertues.

This is very effectual in cleansing the Stomach, helpeth Concoction, and suffereth no putrefaction of Meat in the Stomach, preserveth the humours of the body from corruption, and gently purgeth the body. They may be used in Pills before meat, or at any time; the Dose is from twenty to forty Grains, and the Tincture before separation of the Spirits, may be used for the like occasions, from one to three spoonfuls.

Extract of Rudijs.

TAke Coloquintida \bar{z} 6. Agrick, Scamony, the Roots of black Helibore, and Turbith, ana \bar{z} β . Aloes \bar{z} 1. Diarrhodon Abatis \bar{z} β . let them (the Diarrhodon Abatis excepted) be grossly bruised and infused eight days, in the very best Spirit of Wine, in a vessel close stopt in the Sun, or B. M. let there be so much Spirit as may swim above it six fingers, then infuse your Diarrhodon Abatis in the same manner four days in Spirit of Wine, mix these, solution being first strain'd and prest hard, cast away the Fecies, put them in a Long-body of Glass with an Alembick-head, and draw off

the Spirit to the thickness of Honey, which keep for your use.

Its Vertues.

This Extract is of a very quick, searching Pill, the terrene part being separated and onely the Tincture used, whereby it leaves no gnawing quality in the bowels. It cleanseth both Head and Body of Choler, Flegm, and Melancholly. It may be taken from one scruple to a dram, although the general Dose of these Pills be half a dram, taken in the morning, and keeping in a warm chamber all day.

Landannum Paracelsi.

TAKE the best Opium two \mathfrak{z} with good Spirit of Wine, extract its tincture, Gum-henbane one \mathfrak{z} , extract his tincture; Diambra \mathfrak{z} two, draw away all his tincture, Momia \mathfrak{z} β , and draw away its tincture, of the best Saffron \mathfrak{z} 3. extract his tincture, mix all these tinctures except the tincture of Diambra, and let them stand in a warm place fourteen days close luted, then open it and add a little tincture of Diambra, stop it up again and let it stand six weeks, or thereabouts, till the smell of the Liquor be almost

almost vanished, then open the Glass and add tincture of Coral, clear yellow Amber, of each \mathfrak{z} i. of Magisteri Perlarum \mathfrak{z} i. Ossi de Corde Cerui 10 gr. Aurum Potabili, or its Tincture 30 gr. These with the Spirit of Diamber put to the other Tinctures, and stir it several days one after another, at last in B. M. draw off the Spirit of Wine, and when 'tis almost dry, add of Ol. Succini, Ol. Maci, and Ol. Cinnamoni, of each \mathfrak{z} i. put it out whilst hot, take one half part and reserve for women; to the other part add 10 gr. of the Extract of Munk, and set in a warm place that it may dry.

Its Vertues.

It may be given in liquor, or made up into Pills, the Dose is to six grains. It helpeth the Cholick, Frensie, Hot Feavers, the weakness of the Stomach, the Yex, Vomiting, causeth quiet sleep, stops Fluxes. If it be mixed and taken with the former Oyl of Cumphior, it cureth the Falling-sickness and Convulsions.

Preparation of Opium, or Laudanum.

TAke of Opium \mathfrak{z} 6 of powdered Cream of Tartar, one ounce of Spirit of Salt,

D 4

two

two 3, put them in a Bolt-head, close the mouth of the Glass, set it in B. M. for twenty four hours; open the Glass and put in one pint of the best Spirit of Wine, close it up and set it in B. M. to extract, and after extraction decan the Spirit, and put on more Spirits, and extract further the Tincture: These tinged Spirits put together in a Glass Gourd, and add of Oyl of Saffron twenty gr. of Oyl of Clove one 3. of Oyl of Rosemary one 3. draw off the Spirit of Wine to a thickness, which take out and put in a clean vessel.

Its Vertues.

The Dose is for one, ten, five, or six gr. to men; it may be used in all hot Distempers, causeth quiet sleep, mitigates pains outward or inward; causeth sweat, and helpeth the Epilepsie in children.

Corrector of Vegetables, or the Preparation of Salt of Tartar.

TAke of powder'd Tartar and Peeter, of each one pouud, mix them well put it into a earthen pipkin, and give fire from above and the Peeter will take fire and calcine all the Tartar, pour upon the Salt
warm

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warm Water, and extract the Salt with Water, after all the Salt is extracted, pour into a Long-body and draw off all the Water to a dryness, which Salt put into a Crucible, and lute it strongly into a blew mass; which ended, whilst it is yet warm, beat it in a warm Mortar to powder, and put it into a new earthen Pan, and pour upon it so much Oyl of Turpentine as will just cover the Salt, stir it well with a stick and cover it with a thin cloath that no dust come in, and set it so that it may attract air, and yet no Water by any means may come to it; stir it three or four times a day, and when the Oyl is wholly imbibed, add so much more Oyl, stirring it continually, and keep imbibing the said Salt until it has drank up three times its weight of Oyl; which finished, your Salt is prepared for your use.

If this matter dissolve in fair water and shew no Oyleness, it is then well prepared, let it be well dried, and to it add three parts of good Potters-earth, put it into a coated Retort, apply a Receiver, and by force of fire drive over all the Salt which will rise white and clear.

Its Vertues.

This is the true Corrector of Vegetables whereby poysonous matters are reduced in-

to good and wholsom Medicines; this being put upon any Matter, either Vegetable, Mineral, or Mettal, it so altereth it and opens the body, that the pure may be separated from the impure. It radically dissolveth Pearls, Coral, or any other Stones, it maketh of Gold Potable Gold, and of Silver Potable Silver, and being joyned with the Tincture of Gold, and both brought over the helm, 'tis a most general Medecine far exceeding any other that can be made by the art of man, but will without heat or any trouble be prepared in six months, but in a shorter time by Art. If it be circulated with graduated Spirit of Wine they will unite.

Mathews, Or rather Starkies Pill.

TAke two pound of prepared Salt of Tartar, and one lb of powder of black Hellebore, and one pound of Opium, dissolved in Spirit of Wine, the Wine again extracted to a thick substance, which mix with the Salt of Tartar and Hellebore until they be all well incorporated, which then let it be continually sed with Oyl of Turpentine that
it

it may be kept moist, and the Salt made more volatile and fit for Medicine.

Its Vertues.

It is a most excellent Diaphoretick, Diuretick, Anodine Medicine; It cureth all pains of the Head, a Pill taken at night and a little applyed to the Temples, the Megrims, Vertigo, Frensie, Lethargy, helpeth the Memory, cause quiet rest, 'tis good in the Falling-sickness, Convulsions, Cramps, Stiches, Aches. It cureth the pains of the Teeth, a little applyed to the Tooth, it helpeth the Cough, Asthma, Plurisie, Inflammation of the Lungs, palpitations of the Heart, weakness of the Stomach, Yeking, Vomiting, pain in the Stomach, windiness of the Stomach, the Flux, Diarrhea, Dycenteria, the Chollick, Iliac Passion, Worms, obstructions of the Liver, and Spleen, the Dropsie, Anasara, Ascites, and Tympanites, Inflammation of the Reins, Ulcers there, Gonorrhea, obstruction of the Urine, difficulty of Pissing, the Disury and Strangury; It bringeth down womens Courses, and helpeth the overflowing of them, the inflammation of the Womb; It hindereth abortion, cureth windiness or exuleration of the Womb, taketh away Barrenness, cureth the Gout, it helpeth all manner of Feavers,

as the Synochus, continual or burning Feavor, the Tertian, Quartain, or Quotidain; It bringeth forth the Small-pox, Measels, 'tis a very general remedy, curing most Diseases and not hurtful to any; the dose is twenty Grains.

Dulcified Salt of Tartar.

TAKE Salt of Tartar that hath bin dissolved, filter'd and congealed into a Body until it be easily fusible and melt like Wax: which sign being known beat it to powder, and pour upon it so much Spirit of Wine as will cover it, which stir well for four days, six times every day and night, and at the fourth day place it in Sand, and draw off the insipid moisture, which being done put on more and proceed as before to five times.

Its Vertues.

It is good for Ulcerated Lungs, and of the Bladder, and freeth the Stomack from fower belching, one \mathfrak{z} made up in a Lozenge and taken at a time.

Spirit

Spirit of Tartar.

IT is impossible to obtain this Spirit by the common way par Retort, but if Retorts be made of good Earth (not poreous) with a pipe at the top, and so placed over a naked fire, with a Receiver luted very fast that a man may cast in the Material by a spoonful at a time, and when the first Spirit is settled cast in more, and by this means you will obtain a Flegm Spirit, Veneger, and red Oyl, in the Retort will remain the Salt, which calcine in a Crucible and put half of the Salt in a Glass Retort, and pour upon the same all the matters that were distilled; place it in Sand, and apply a large Receiver luted, and make first a small fire and the Spirit will come off, and after the Flegm, mix the Veneger with the red Oyl. You may save each by it self by changing your Receivers, and rectifie your Spirit once or twice more from calcin'd Tartar; this may be distil'd in a common Retort putting in all at a time. If there be fitted a pipe of Tin, so that it may pass through a Tub of cold water, and one end of the Pipe fastned to the Retort, the other end

fasten-

fastened to the Receiver, which likewise may be placed in cold water.

The Vertues of the Spirit and Oyl.

This is a most powerful Medicine against all obstruction of the whole Body, cureth the Scurvy, Colick, Cramps, Contractures, brings forth the Small-pox, Meazles, purges the Blood, helpeth malign Feavers, the Epilepsie, Convulsions, and many other Diseases proceeding from corruption of Blood. Likewise 'tis of excellent use for the extracting the Tincture of Metals and Minerals.

The Oyl rectified from calcined Tartar will become clear, and is good to disperse kernels or knobs risen up in the skin, allayeth all swelling pains, the Gout, Sciatica, Stiches, Aches, Cramps, or Wind-Gout.

The Caput Mort being calcin'd again to a white or blew Mass, may be extracted with fair water filtred and congealed into a white Salt, called the Salt of Tartar. And if it be put upon a Marble and a dish set under, it will resolve it self into an Oyl, which is used by women to take away Sun-burnt, Morpew, and Freckles in the Face; if Oyl of Vitriol be poured upon this Salt sufficiently, 'tis called *Tartarium Vitriolatum*.

Spirit

Spirit and Oyl of Cranium Humanum.

TAKE of it as much as you please, break it into small peices, which put into a Retort of Earth, or Glass coated, set it in an open fire and lute fast a large Receiver, and make your fire by degrees, and so increasing your fire to the highest degree, and there will come over a yellow Spirit, with a red Oyl and volatile Salt, which rectifie from calcind Tartar, and they will become fair and clear, only when all the spirits are come, change the Receiver for the red Oyl.

Its Vertues.

The Spirit opens obstructions of the whole Body, and strengthens the feeble Parts, cureth Falling-sickness, the Dropfie, and cureth the Gout; the Dose from three Grains to twenty Grains.

Oyl and Spirit of Harts-Horn.

THIS is put in and distilled, as that of *Cranium Humanis*, viz. being cut or broke in small pieces, and there will come over a Spirit and red Oyl, with the volatile

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tile Salt, which rectifie from calcined Tar-
tar.

Its Vertues.

The Spirit rectified is very penetrating,
and therefore opens all obstructions of the
whole body, purging by sweat and urine all
noxious humors, very useful in the Plague,
Pox, Gour, Leprosie, Scurvy, Small-pox,
Measels, Surfers, Pluresie, malign Feavers,
the Melancholly, Hypocondraick, or any
other Disease requiring sweat. The red Oyl
rectified, cureth the Quartane, and all pains
in the body coming of cold, Wounds, Brui-
ses, or Hurts.

The Dose of the Spirit is ʒ ss at most, and
the Oyl to thirty drops.

Spirit of Mans Hair.

Fill a Glass Retort with Hair cut small,
set it in Sand, and apply a Receiver lu-
ted, and make your fire to it, and there
will come over a Spirit and Oyl, rectifie
them from calcined Tartar, and they will
be clear, the Spirit smelling like uriae.

Its Vertues.

This Spirit applyed to any part of the
body outwardly, cureth the Scab and Itch

It is unpleasant to take, and therefore rarely used inwardly. It dissolveth common Sulphur, reducing it into a milk, which with further ripening will turn into a blood-like colour.

Spirit of Urine.

TAKE Urine of men drinking Wine, put it into an Earthen Vessel, boyl away one third part, put the remainder in a very high Long-body, and place on a Still-head, lute fast the Joynts, and apply a Receiver, make a strong fire that the matter boyl, and there will come over the Spirit, together with the volatile Salt; distil this Spirit four or five times over, and after rectifie it from calcined Tartar three or four times, every time calcining the Tartar, and keep it in a good strong Glasse close stopd.

Its Vertues.

The strong Spirit or Salt used causeth strong Sweats, and purges by urine likewise. It purifieth the blood, opening the obstruction of the Spleen, cureth Feavers, Tertian and Quartane; It disperses all tough, gross, venemous humours; it bringeth down womens Courses, helpeth the suffocation of the
Ma-

Matrix; the Salt perfectly cureth the Jaundice. The Dose is to fifteen grains.

Externally applied it cooleth all inflammations, curing the Erysipilas and Gangrene, easeth the pain of the Gout, laid to the Pulse is good in ardent Feavers, cureth the Tooth-ache. If it be applied Clyster-wise it killeth Worms.

Spirit of Wine.

TAKE as much French Brandy as you please, put it into an Alembick-still, and hang in the Still a great Sponge, and hute fast your Receiver, distil it with a small heat until all the burning spirits be come, then take off the Receiver, and pour the spirit in the Long-body upon salt of Tartar well calcined, and distil it in sand (the Joynts well luted) until you see the Veins in the head of the Still spread abroad and vanish, then cease. Calcine the Tartar again, and return the spirit upon it again, and this do for five times, and your spirit will be pure and of great strength.

Its Vertue.

This Spirit of it self is very cordial, penetrating every part of the body being drunk,

Frank, and 'tis good in all cold defluxions, fortifies the Optick Nerves; 'tis of great use for extracting of Tinctures of Herbs, Roots, Gums, &c.

Animal Mercury.

Take one part of the best spirit of Urine, or rather its salt, and four parts of pure tartarized spirit of Wine, put the salt in a great thick Glass Bottle, and pour upon it the spirit of Wine tartarized, and presently stop the Bottle, 'twill be full of fumes, shake well, and the spirit will both be united and congealed into a salt and dry, if no regn were in the spirits, otherwise there will be some water, which separate from the salt, which will be white and strong like alarmonjack spirit; Divide this salt into four parts, of which take one, and four parts spirit of wine rectified to the height, let it be hermetical, seal'd up in a strong Bolt-head, and digest it in B. for fourteen days, till union, then open the Glass and put in another part and digest it again, and this so till the spirit hath inbibed all the salt, which after rectifie par Retort. This serveth to extract the Tincture from Mineral and Mettals.

Spi-

Spirit of Vineger.

TO make spirit of Vineger, you must fill your Glasse with what quantity you please in sand, evaporate by a gentle heat about two third parts, the remainder urge by a stronger fire, and keep for your use.

Its use is to cool Inflammations, helpeth Scaldings, Burnings, if mixt with *Saccharum Saturni*.

Spirit of Vineger.

TAKE distilled Vineger eight parts, and one part of Salarmoniack sublimed, digest them fourteen days, and put it into a Retort and lute to a Receiver, urge it in sand until all be come over.

Spirit of Vineger.

TAKE twelve pound of good Vineger, two pound of Honey, two $\frac{3}{4}$ white Pepper Mustard-seed bruised six $\frac{3}{4}$, set it in the sun or a hot place fourteen days, and then evap

porat

porate the half part gently, the remainder bring over by a strong fire.

Spirit of Vineger.

TAKE Honey, Salt decrepitated, of each one pound, of the best Spirit of Vineger two pounds, let them stand one moneth in the sun, and distil them in sand, and coöbate the spirit four times upon fecies.

Its Vertues.

It serveth to dissolve Corals, Pearls, Fish-bells, Minerals, Mettals, and to make their Magisteries and Salts.

A Water for the Falling-sickness.

TAKE of Swallows cut in pieces without separating any thing from them, six ounces; of Castorium cut small one ounce, mix them well, and infuse them all night in Canary-wine, then put them in a Retort, and distil them in sand until all be dry; coöbate the liquor three times.

Its Vertues.

This Water being drank to the quantity two spoonfuls every morning, cures them that have the Falling-sickness.

Tincture

Tincture of Coral.

TAKE Salt of Tartar that has been strongly fused in a Crucible, dissolve it in fair water, to one part of Coral let be three or four parts of Tartar, put the Coral Powder into the Tartar and Water in a long Glass, set it in sand, make a strong fire, and the Tartar will dissolve the Coral. The Coral being dissolved, filter the solution, and deduct all the moisture in *B. M.* and there will remain a pleasant honey, thick Liquor; Let it be dried perfectly in a sand, and extract the Tincture with well rectified spirit of Wine, which being well coloured decant the same, and separate the half part of the spirit of Wine, and keep the Tincture for your use.

Its Use.

Its use is to fortifie the Vitals, to help Melancholy, and to stop Fluxes. It helpeth the Convulsions and Falling-sickness; but the Spirit is far more effectual.

Magister

Magistery of Coral.

Dissolve Coral in good distilled Vineger, and when all is dissolved, put into the same a good quantity of fair water, and the Precipitate or Magistery will fall to the bottom, which edulcorate with fresh additions of water until it be sweet, and keep it for your use. It hath the same vertue as the Tincture.

Spirit of Coral.

TAke four ounces of Coral, one pound of Cream of Tartar powdered, and as much water as will dissolve the Tartar, put them into an Earthen Pipkin, boyl them until the water be coloured with the Coral, and it be dissolved, continually supplying the evaporated water, and when solution is made, evarate the water to a thick juice, which distil par retort in a naked fire, until all the spirit become off.

Spirit

Spirit and Tincture of Pearls.

TAke one part of Pearls powdered, four parts of Cream of Tartar, and as much water as will dissolve the Tartar, put them into an Earthen Pipkin, and set them upon the fire and boyl the same, still supplying the evaporated water until the Pearls be dissolved, then evaporate the water to a matter as thick as Honey, which per Retort in a naked fire distil into a Spirit; or with spirit of Wine before distillation you may extract the Liquor or Tincture; the Magistery is drawn as Coral.

Its Vertues.

This Spirit is more powerful than the Liquor or Tincture, it is a real Cordial, strengthening the Vitals, and powerfully purifying the blood by sweat and urine; It cureth the diseases of the Spleen, helpeth Consumptive persons, driveth out Small-pox, Meazles, cureth Surfers, helpeth to restore decaying nature; The Dose is to twelve Grains.

The

The Essence of Coral and Pearl.

Dissolve Coral or Pearl in good spirit of Salt, and upon the dissolved matter pour well rectified spirit of Wine, let the Glass be closed up most perfectly, and set it in B. M. and in few days will be extracted the Essence, which decant and separate the Wine from the Essence, keep close stopt for your use. These Essences have the same vertue as their Spirits.

Magisterie of Egg-shells.

Dissolve Egg-shells in good distilled Vineger, and after solution precipitate the Calx with fair water, let it settle, the Calx will precipitate in a white powder, which is Magisterie; which sweetned several times and dried in the shade, put up for your use.

Its Use.

It is approved for cleansing the passages of the urine, to dry up old and watry sores, but most excellent for a Fucus to beautifie women, being mixt with other Unguents,

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and applyed to the face and hands, it produceth a rare white skin.

Preparation of Burnt Alume.

TAKE Alume, put it into an earthen Vessel, set it over the fire till all the moisture be gone, then make it red hot, and after a while put it into another pot, and pour so much Vineger as will cover the same, set it on the fire and evaporate the Vineger, and let it stand till 'tis red hot, and as white as snow, then keep it for your use.

Its Vertues.

This is very excellent to dry up old Sores, and take away dead and proud flesh.

Calcination of Punex Stone.

TAKE Punex-stone, heat it red hot, and quench it four or five times in Wine vinegar, the last time onely heat it without wetting it again, which reduce into a very fine Powder.

Its Vertues.

It is used for the Calcination of Mettals.

Acer-

A certain Remedy for the Scrofula.

TAKE Sea-sponge calcin'd to a coal 3 ℥, bones of the Fish burnt to ashes, Ves-Long Pepper, Ginger, Pelitory of Spain, noi-Gauls, Salgem, calcin'd Egg-shells, of each ℥ one 3, mix them with distilled Water of and Sponge, and let it be dryed by degrees, of the this Powder may be taken half a dram, the with half an ounce of Sugar, let it lye in not, the mouth and melt there, and after swal- our low it down as it melteth. It may be made up in Lozenges or Troches, and so melted res, in the mouth.

Use.

This Medicine perfectly cureth the Disease commonly called, *The Kings Evil.*

Oyl, or Ointment for the same.

TAKE Oyl of Bayes eight 3, Olibanum, Mastick, Gum-Arabick, Rozin, of each three 3, put them in a Retort in sand, and distil them, and rectifie them from Pot- als. ashes.

Elixir of Salt of Tartar.

TAKE three parts of Salt of Tartar, fuse it in a Crucible, and then powder it yet warm, put it in an earthen glased Pan, then take Oyl of Cinnamon, Oyl of Cloves, and Oyl of Spike, of each one ounce, pour some of these Oyls upon the Salt and stir it well, inhibing it until it hath drank up all the Salt. This cureth Heart-beating, Apoplexy, Vertigo.

Compound Spirit of Tartar.

TAKE salt of Urine clarified, sublimed Salarmoniack, salt of Tartar, of each one part, powder and mix them well, and pour upon them good distilled Vineger lute them close, set them in B. M. for forty days, then draw off all the moisture that will come off in B. M. and mix the remaining matter with three parts of good white dry sand, urge them by Retort in a naked fire, and you may obtain a most powerful Spirit for the making the Mercury of Metals.

A most all t

A most general Chymical Salve, curing all Wounds, Ulcers, Fistulaes, Cancers.

TAKE of the best Oyl of Wax purified, calcined, rubified Vitriol, of each alike proportion, incorporate them well, after take of pure Venice Turpentine wash'd with Rose-water, as much as either of the former, put them in a Glased Pan, and let them stand over a small fire, until it has attain'd the substance of Salve, or thick unguent, put it then into a Glass and keep it for your use.

A general Water for the Compleating the Cure of Cancers, Fistulaes, Ulcers, &c.

TAKE 1 lb. of Roch Alume, 1 lb. of Roch Borax, 1 lb. of Verdigreece, and 1 lb. of rubified Vitriol, and 1 lb. of good Peeter, all pulverized, mix them and distil them like common Aqua-fortis; Rectifie this water four or five times, and to it put 1 lb. of Spirit of Verdigreece, and 1 lb. of Spirit of Sulphur; this being done, in a Long-body put in 1 lb. of yellow Bees Wax, and pour all these Spirits upon the same, put on a

Still-head, let it stand four days, and draw off the spirits in sand, the Wax will be black; take the Wax out and put in more Wax, and pour the spirits upon it again, and distil the same, and this do so often until the Wax be no more coloured by the Wax, but remain of its own colour, then the Water is prepared.

Its Use.

Mingle this Water with its weight of Spirit of Wine, and keep it in a Glass close stoppt for your use, then dip a feather in the same, and touch a Serpigo, Noli-me-tangere, Cancer, Wulf, or any feted Wound or Ulcer whatsoever, with one drop or two of this Water, it heals it from the bottom, dries up superfluous moisture, consumeth the venemous Humors, raiseth up flesh from the bottom, by the super-position of the foresaid Plaister.

A Rare Cordial.

THe Extract of the Roots of Contrayerva, black Tips of Crabs claws powderd, of each two ounces; of rugged Pear, red and white Coral, Crabs Eyes, of each one ounce, these must be finely ground and dissolved

solvent

solued in Juice of Lemmons, and the Juice again abstracted; let it be made up in little round balls.

White Amber and Christals ground into fine Powder with Rose-water, made into little balls, anna 1 3, Harts-horn calcined white 1 3, ground with Syrup of Citrons and Gilliflowers, made sharp with spirit of Sulphur, and made in Cakes.

Bezor occident in powder, Terra Lunnia anna 3 3. Antimony Diaphoretick 3 ij. Cochonillea powdered 3 3. Ambergreece 1 3 3 make half a dram, and let them be made up with this following Jelly.

Take Harts-horns shavings, the skin of twenty four Snakes and boyl them in a pot, covered with Water of Cardus, till it come to a perfect Jelly, unto which add Oyl of Cloves, Cinnamon, Saffron, and Rosemary, of each 2 3.

Its Vertues.

It is a most excellent Cordial, curing swooning, fainting Melancholy, putrefaction of Blood, small Pox, Measels, the spotted Feaver, Plague, and all Infections, where there is occasion to drive out the humours by sweat, or to preserve the heart; the Dose is from ten to thirty grains in Cardus, or any other Cordial water.

A very excellent Plaister, or Seer-cloth.

TAKE Oyl of Bricks 2 lb. Lead calcined red, and Lead calcined white, of each 1 lb. beat them, and sift them, and incorporate them with the Oyls, then put in Spanish Soap 12 ounces, incorporate these well all in an Earthen pan, put them upon the fire, making it very slow for an hour and a half, continually stirring it with a stick, till the matter turn from red to grey, and so continue stirring till the matter turn of the colour of Oyl, and somewhat dark, try it upon a Trencher when this sign appears; for if a drop be let fall upon a Trencher and it cleave not, 'tis enough for Seer-cloth, dip them in the Salve before 'tis taken off the fire, and smooth them on a board.

Its Vertues.

It mightily strengthens weak backs, and helpeth the Gonorrhea, laid to the belly, easeth the Cholick; to the stomach causeth a good appetite. It serveth in all Sores, Cuts, Wounds, Ulcers, &c.

A most rare Chymical Balsam.

TAKE Oyl of Bricks 4 pounds, pure Bees Wax, Rozin, Turpentine, of each two pounds,

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pounds, of black Pitch 8 ounces, in an Earthen glased pan, melt first the Pitch and put in the rest of the materials, keep them continually stirring until all be very well dissolved, then take it off from the fire, and add by a little at a time Oyl of Spike 4 ounces, and after that Oyl of Turpentine, Oyl of Wax, of each 4 ounces; Galbanum dissolved in White-wine 4 ounces, Storax liquid 4 ounces, stir them all well together, and pour them out whilest hot, and keep them for your use. *Its Vertues.*

It cureth all diseases coming of cold or winde, as Head-aches, Stitches, Indigestion, the place afflicted first well chafed with a warm cloth, & after with this Balsam warmed chafed in with your fingers. It helpeth all Bruises, Aches, Pains, the Gout, Palsie, Sciatica, Cramps, Cholick, the Gravel, the Rickets, defects of the Spleen, Deafness, and most effectually cureth all Wounds, Cuts, Hurts, &c.

Tartarus Vitriolatus.

TAKE pure salt of Tartar, put it in a glased Dish, pour upon the same drop by drop Oyl of Vitriol, so long until it ceaseth.

to make a noise, which you may dry and keep for your use. *Its Vertues.*

It availeth against the gnawing pains of the Stomach, and to ease all pains of the Cholick.

Chrystals of Tartar.

IF you take equal parts of crude Tartar and salt of Tartar, and dissolve it in fair water, and then evaporate the water, still skimming it until no more skim do arise and then let it cool, there will shoot white Chrystals, which may be used in stead of Tartarus Vitriolatus for purging; they cause gentle Stools, and expel urine and the Stone: the Dose from 1 scruple to a dram.

Spirit of Manna.

TAKE Manna what quantity you please put it in a glass Cucurbit, with its head and Receiver close luted, set it in ashes of sand, make a small fire and there will come over a spirit almost tasteless, yet of great vertue, being a great Sudorifick.

Its Vertues.

It helpeth putrid Feavers of all sorts, and any other distemper requiring sweat: the
Dose

Dose is from \mathfrak{z} iij. to \mathfrak{z} . This Spirit poured upon the flowers of Sulphur, extracteth a red Tincture good for the Lungs.

Syrup of Vineger.

TAke of good White-wine Vineger, and par B. M. evaporate the halfe part, of the remainder take lb 1. put it into a Glasse-body, set it in B. M. & add of fine white Sugar lb 2. then keep stirring it with a Spatula, until all the Sugar be dissolved.

Its Vertues.

This Syrup is good to dissolve, attenuate, open, and mundifie gross, clammy, or flegmatick Humours in the Breast or Lungs; It refrigerates and mitigates the Heat, resisteth Corruption and Putrefaction, cleanseeth the Urinary passages, appeases Inflammations.

Syrup of Lemond-Rinde.

TAke lb β of the outward Rindes of new Lemons separated from the inward whiteness, put it in a Glasse Cucurbit, and put to it lb 1 β of good Spanish wine, set it in B. M. with its recipient close luted, with a small heat draw off \mathfrak{z} 12 of the spiritous

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water, being very subtil and odoriferous, which may be without any additions for women by reason of the Mother; but for men or women not subject to Hysterick passions, you may put into the nose of the Limbeck tyed up, $\frac{3}{4}$ lb of the grains of Alkernes, gr. 8 of Ambergreece, and gr. 4 of Musk; This done to this distilled spiritous water, put $\frac{3}{4}$ 3 more of the thin Rindez, and digest it close stoppt in the same. Run without expression this maceration through a Linnen-cloth, and preserve it in a Viol close stoppt; the remaining Rindes after distillation boyl in lb ij. of clear water, to the consumption of half, which then strain and clarifie, and with one pound of white sugar boyl up to a Syrup.

Its Use.

It may be used in sickness or in health, giving a grateful taste to any Liquor, making it more acceptable; it opens obstruction, it cures flegm, and causeth a good digestion, is good in the Cholick.

Vinegar of the Philosopher.

TAKE Verdigreece, pour on the same very strong distil'd vinegar, dissolve therein a good quantity of Verdigreece, filter the solution.

lution till it be clear, then evaporate the humidity in a fire of the first degree, until a green Gum remain, which put into a Retort, and distil out of the same all the humidity, which rectifie seven times in a clean Retort, till no Fecies settle, and a pure chrys- taline Vineger remaineth.



The Second BOOK.

Of Salts and Minerals.

Of Sea Salt.

Sea Salt is the true Radical Balm, or Balsam of Nature, by which every thing in the course of Nature is preserved, and all other Salts whatsoever have their beginnings, and by which they are preserved, are nourished, and have power of giving life to their respective matters. Therefore may it be termed Animal, Vegetable, and Mineral; It is Animal and Vegetable as it hath a lively growing faculty in very, as being the first moving thing in Nature, causing increase, the beginning and continuance of Generation, without which nothing

nothing can be dureable. Its faculty of Multiplying and Increasing you may see by the vast multitude of Fish bred and nourished in the Sea; also the generation of precious Stones, Pearls, Shel-fish and Corals growing in great Branches, springing from most hard Rocks and Stones, and nourished by Sea-Salt, which is a sufficient argument to prove it Animal, and Vegetable. Salt is also Mineral for passing through the Pores of the Earth. It begets many and various other Salts, as Salt-Peeter, Vitriol, Allum, Salt, Gum, and others of a Mineral Nature, or participating much of Mineral. It is likewise of Mineral or Metallick Nature, by reason it may Metal-like be melted by a strong fire as other Mettals be; by all which it plainly appeareth that Salt is Animal, Vegerable, and Mineral, and likewise Sea Salt was of much esteem by the Ancient Physitians, although they had little skill in it's preparation, they using no other way than drying and calcining, and the say was then of force to help all obstructions of the Body, taking away all manner of putrefactions and corruptions of the Body, and putteth away the original of all Diseases. doth it not preserve Flesh or Fish a long time from putrefaction, being applied on

in it's gross Body, and by vertue of it prepared? nay not onely Flesh, Fish, but all sorts of Fruits, and other green things of Rarity be kept a very long time, and brought even from the *East-India* without loosing Form, Taste, or Vertue.

Metal, Mineral, Stones may be dissolved by it, corrected and amended, and made good Medicine, and many other necessary things may be performed with it.

Preparation of Common-Salt.

TAke Isle of Mayo, Cap de Verd, or Indian Salt, dissolve it in fair water, & filter it through a sevenfold Strainer, after pour it into a earthen or copper Vessel, boyl it up to a dryness, and when 'tis almost dry stir it about with a wooden stick until it be very dry, which Salt put into one or more Crucibles, and set it in a Furnace so that the fire may come round about it, and let it stand so until it be throughout red hot, and do no more crackle, for then it is decripiated or prepared.

Its Vertues.

It serveth for to mix with other Physick to prepare the Body, open Obstructions, and make

make a free passage for the operation of other Physick.

Spirit of Salt.

TAKE one part of fine white Salt, and three parts of fine white sand, grind and mix them well, put them in a coated Glass Retort, set it in an open fire and apply a large Receiver well luted, make a fire under it by degrees for sixteen hours, let the last eight hours fire be very strong until your Receiver grow close and all the spirit be come off; which put into a Glass Retort, and in *B. M.* evaporate the Flegm until it begin to taste sharp, which then remove into sand, and force all over, and you have a pure spirit well rectified.

Its Vertues.

This is a most excellent and safe Medicine to be used internally, or externally applied, it extinguisheth the preternatural thirst in hot Diseases, it consumeth flegmatick humours in the stomach, helpeth the Appetite; consumeth the stone, purges the Reins, and is good in the Gour. 'Tis very good to use in Julips for those posselt with malign Feavers, it whitens the Teeth being mingled with a little water, and the Teeth rub'd

of rub'd with the same; outwardly it taketh away proud or superfluous Flesh from Wounds, Ulcers, or any other parts, it taketh away Warts, it cleanseth old sores and prepares them for healing, it helpeth the red Face, taketh away Pimples, or any outward Inflammation.

Spirit of Salt.

Dissolve Common-salt in fair water; then quench burning Coals in this water that they may be impregnated with the salt, and put in so many till all the salt-water is inbibed; which after put into your coated Retort, and distil according to art, & you obtain a most grateful pleasant spirit.

Spirit of Salt.

Mix two parts of Vitriol or Allum with one part of salt, grinde and mix them very well, put them into a coated Retort, and distil them by degrees of fire, as before.

Spirit, or Oyl of Salt.

TAke of the best white Christaline sea-salt, as much as you please, dissolve it in

in faire clear Rain-water if you can get it, and when 'tis all dissolved filter it through a new cotten strainer, and then pour it into a earthen Pan Glased, and boyl it away until it is almost dry, then keep it continually stirring until it is perfectly dry, beat it very fine and put it into one or more Crucibles, place it in a Furnace, so that they may be throughout red hot, then take them out, let them cool, take out the salt and beat it to fine Powder and put it into the Crucibles, and set it to glo until 'tis read hot, this do seven times; then dissolve it in fair water, strain it through a clean strainer, and boyl away the water again to a dryness, which put it into a Crucible and let it glo red hot, then take it out and powder the salt, put it in the Pot and let it glo again to seven times, this dissolving filtering, evaporating the water and gloing the salt in the fire seven times, must be used until the said salt will melt upon a red hot plate of Iron like Wax, a little being tryed; and you must be very careful that it melt not in your Operation, for then your labor is lost, but when you find by a little that 'twill melt easily, put to it three parts of pure white sand, put it in a Glass coated Retort, apply a large Receiver, by a violent strong fire drive over the Oyl to spirits.

Of Salt-Petre.

SALT-PETRE is by art drawn forth of the Earth, its Mother, and by often solution, filtration, coagulation is made pure, white and Christaline, in which work you will find the three principals, or beginnings are extracted out of the earth, that is after the evaporation of the water to a skim, the pure Virgin Earth settling in the Liquor, but the true Salt-Petre, or fiery and ayrie Part or Mercury, and sulphur congealed to the sides of the Glass or Pan in pure white Christsals, in which separation we may see three principles or distinct Natures, which nevertheless do subsist or have a being from one and the same Essence, that which remaineth in the water is a true fixed Salt of the nature of Salt Marine, the other two that Chrystalized to the sides of the Vessel are Volatile Wax, Salt, yet of two distinct Natures joyned in one, and of different qualities, the one being truly Mercurial, of a softer acid and ponderous Nature, and a dissolver of Metals, Mineral, and the most hardest Stones, the other a pure sweet Etherial Sulphur, or the soul and spirit are here united together, called Salt-Petre, which is a special key to the Alchi-

Alchimist, for it openeth the most hardest Bodies, as well Stones as Minerals, and Metals, and hath power to make Volatile, and also to fix and incorporate spirits, and therefore is of a most wonderful Nature, well known to few, for although this Petre is well prepared, doth outwardly appear white which is the Mercury, and as Common Mercury doth, yet in it, as I said before is a most pure redness, the like is observed in Common Mercury: This is the true Mercury of the world, as may appear, for if this Body of Petre be put into a Glass and set in the Sand, over a fixatory fire without any addition, you will then in some time see in it contained all manner of Colours, which both many will hardly be believed, but a few hours will discover the truth of this matter. This Sulphur being the true fire of Nature, Spirit of the world, or Soul of the Universe; this Oyl without any other addition may be made a true Balsamick Medicine, curing almost uncurable Diseases. Sp

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Spirit of Salt-Petre.

TAke three parts of pure white sand and one part of Petre, grinde and mix them well, put them in a coated Retort, and

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Book II. set it over a naked fire, lute fast your Receiver, and let it be very large, make but a very small fire, and in few hours will come over the volatile Spirit, of a very deep redness, keep your fire but small as long as this redness appeareth, and when it begins to vanish, and your Receiver to clear, increase your fire and more red Spirit will arise differing from the former, and not of so deep red; after these Spirits have appeared a while, increase your fire at last to the height, and when your Receiver cleareth and groweth cold, although a violent fire, the Spirits are then all come over. If these Spirits be put into a glass Retort, and placed in B.M. with a Receiver luted, make first a small fire, and the volatile Spirit will come over, which is known by its colour, next will come over the flegm, and next the true Spirit, which are all known by their colours; for when the first volatile Spirit cometh, 'tis of a deep red, when the flegm cometh 'tis of no colour, and when the true acid and corrosive Spirits come, the Retort is red and fiery again; you must catch these Spirits apart.

Their Vertues and Use.

This volatile Spirit, which if freed from flegm is always red, it cureth the Cholick, and mixt wether the pains of the Gout, taketh away
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Alchimist, for it openeth the most hardest Bodies, as well Stones as Minerals, and Mercurials, and hath power to make Volatile, and also to fix and incorporate spirits, and therefore is of a most wonderful Nature, well known to few, for although this Petre well prepared, doth outwardly appear white which is the Mercury, and as Common Mercury doth, yet in it, as I said before is a most pure redness, the like is observed in Common Mercury. This is the true Mercury of the world, as may appear, for if this Body of Petre be put into a Glass and set in the Sand, over a fixatory fire without any addition, you will then in some time see in it contained all manner of Colours, which both many will hardly be believed, but a few hours will discover the truth of this matter. This Sulphur being the true fire of Nature, Spirit of the world, or Soul of the Universe; this Oyl without any other addition may be made a true Balsamick Medicine, curing almost uncurable Diseases. Sp

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Spirit of Salt-Petre.

TAke three parts of pure white sand and one part of Petre, grinde and mix them well, put them in a coated Retort, and

set

Book II. set it over a naked fire, lute fast your Receiver, and let it be very large, make but a very small fire, and in few hours will come over the volatile Spirit, of a very deep redness, keep your fire but small as long as this redness appeareth, and when it begins to vanish, and your Receiver to clear, increase your fire and more red Spirit will arise differing from the former, and not of so deep red; after these Spirits have appeared a while, increase your fire at last to the height, and when your Receiver cleareth and groweth cold, although a violent fire, the Spirits are then all come over. If these Spirits be put into a glass Retort, and placed in B.M. with a Receiver luted, make first a small fire, and the volatile Spirit will come over, which is known by its colour, next will come over the flegm, and next the true Spirit, which are all known by their colours; for when the first volatile Spirit cometh, 'tis of a deep red, when the flegm cometh 'tis of no colour, and when the true acid and corrosive Spirits come, the Retort is red and fiery again; you must catch these Spirits apart.

Their Vertues and Use.

This volatile Spirit, which is freed from flegm is always red, it cureth the Cholick, and swageth the pains of the Gout, taketh away
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away all Tumours and Inflammations ; It healeth Scabs, Tetters, and Ring-worms, Cancers, Fistulaes, Wolves : It extinguisheth all Inflammations, Scaldings, the Gangrene ; It dissipateth and consumeth congealed Blood in the body , being applyed outwardly in some convenient waters , and used inwardly.

As for the acid corrosive Spirit , its use is of little worth in Physick , but in dealing in Mettals and Minerals 'tis of special use.

Aqua-fortis.

TAKE three pounds of Vitriol , and two pounds of Petre, let them be well ground and mixed , and distilled as spirit of Niter, or Salt-petre , and you will have the same signs appear as did there , until all the spirits be came off.

Its Vertue.

It is not used at all in Physick, but for Mettals, Minerals, and Stones, to reduce them into Vitriol, Calx, Flowers, and Crocates.

To make a sulphurous Aqua-fortis.

TAKE of Salt-petre 1 lb. of Danick Vitriol 24 ounces, of powdered Sulphur four

four ounces, grinde them well together, put them into a coated Retort, and distilled as Spirit of Niter.

Aqua Regis.

IN one pound of Aquafortis, put four ounces of white decrepitated common Salt, rectifie it by a strong fire two or three times, till all the Salt come over with the spirit, and nothing remain. In six ounces of this dissolve two ounces of Salarmoniack that is three times sublimed, and it will be very strong.

Water and Spirit of Salarmoniack.

TAke of Salarmoniack one part, and of Salt of Tartar two parts, mix them into a Paste, by addition of common water, and put them into a Retort, place it in an open fire, apply a large Receiver close luted, and distil it first with a small fire, and then increasing it according to Art, the spirit will come over into the Receiver, which you must pour into a Glass and seal it up with hard wax. In the neck of the Retort will rise a sublimate, which taken out and placed upon a stone, will resolve it self into

into a water, and is called Water of Sal-armoniack.

The Vertue of the Spirit.

The Spirit rectified is sharp and penetrating, for eight or twelve drops taken in a convenient Vehcle, doth penetrate the whole body, causing sudden sweat, opening the obstructions of the Spleen, cures Quarrans, the Cholick, Suffocation of the Matrx, driving out malign humours by sweat. It cureth outwardly the Erysipilas, Gangrene, allayeth the pain of the Gout, allayeth swellings, discusseth congeal'd blood, helpeth benumbed members.

Purified Niter, or Lapis Prunello:

TAke a Crucible, place it in the fire, fill it full of Petre, even up to the brim, the Salt-petre will melt, when it is melted cast in one spoonful of pure sulphur in powder, which immediately will take fire and be consumed, the flame ceasing cast in more and this continue until all the fire of the Niter be perfectly precipitated to the bottom of the pot, and it become so clear melting that you may see the bottom of the Crucible through the Niter, which being done, pour it out into a Copper tinn'd vessel.

fel heated, and spread it all over the bottom, which immediately put into cold water that it may not stick too fast to the bottom of the Kettle, and your Petre will in its coagulation look pure white, and very clear.

Its Vertues.

This purifying of the Nitre causeth it to be less corrosive, more airy and penetrating, it cools much, and resists corruption, and is Diuretick, therefore very good in Inflammations, or Ulcerations of the Reins; the Dose is from 1 scruple to a dram inwardly

Spirit of Salt-Petre.

TAKE three or four pound of Niter; put it in a large Glass Retort, and place it in a Sand kettle, so that you may be able to make a great fire under; make a small fire first, and that continue for four hours, then make your fire somewhat bigger for four hours more, after that increase it for six or eight hours to the very height, as if you were distilling Aqua fortis, and you will finde the Spirit cleaving to the out-side of the Glass, which sweep off with a feather, and keep for your use.

Its Vertues.

This pure sulphurous Niter and penetrating

ting Spirit is most wonderful; a few grains penetrateth the whole body, openeth all obstructions, consumeth those things amiss in the body, even as fire; It expelleth the Epilepsie, Convulsions, cureth the Fits of the Mother, the Hypocondraick Melancholy, the Tertian and Quartan, and all diseases proceeding from obstructions, or corruption of Blood, the Cholick, outwardly the Gout, Fistulaes, Ulcers, Cancers, &c.

Of Vitriol.

Vitriol (as saith *Paracelsus*) is a very noble and excellent Mineral, and was always held in great esteem by the Fathers of this Art, by reason of its great endowments, and is called *The Philosophers Earth* wherein is contained the true Salt, Sulphur and Mercury of the Philosopher, which are to be separated by a peculiar manner, prescribed by Nature it self, and not by any violent Calcination, or Distillation; for by this way the true Greenness being the soul separateth it self from the body, and leaveth it dead, it being converted into a red volatile Sulphur. Now Vitriol containeth in it self many vicious imperfections, and therefore before you attempt to obtain this

canum, you must separate those imperfections, of which the manner followeth.

Purifying of Vitriol, of Symparhetical Powder.

TAke very good Roman, Hungarian, or Cyprus Vitriol, powder it, put it into a glased Vessel, and pour upon it so much water as will dissolve the same, stir it well about, and when 'tis settled, pour the coloured water through a Strainer of Cotton into a copper Kettle, and if all the Vitriol be not dissolved, put on more water, stirring it well, and after the filtering it well pour it to the rest; which being done, and all the Vitriol extracted, cast away the yellow sediments, being nothing but common Sulphur and other impurities; set the Kettle upon the fire and boyl away about one third or more, until the sign appeareth with a skin on the top, then take it off, pour it into an Earthen glased Pan, set it in a cold place chrystal will shoot, which take out, the remaining water boyl up again till the sign appear, and pour it off into the earthen Vessel, set it to chrystalize as before, which Chrystals take out and put to the other, and dry them by the sun, or before the fire

gently, and after powder them, dissolving, filtering, and coagulating them as at first, till the five times, or until no settlements be at the bottom of the Solution, but all remain pure, and of a blewish colour; which work of purification being ended, let be put in an earthen Pan and covered, that no defilement come to it, and let it be set in a very small heat until it be converted into a white powder, which is called *The Sympathetical Powder*; which Powder, if good, you may cast it into a Basen of water, it will colour it blew, and if it do not 'tis good for nothing.

Calcination of Vitriol.

TAKE Danfick Vitriol (which is the best to draw a spirit from) put it into an Earthen Glazen Pan, and set it over the fire and 'twill in a small time melt, stir it with a stick and let it be upon the fire until it has lost his Greenness, and is turned somewhat yellowish, break the Pan (for otherwise it will not come out) and take the Vitriol Powder and sift it for your further use, distil the Spirit and Oyl, and for the sublimation of Mercury.

But if you will calcine it red for the use of

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Chyrurgions, its then called Colcother of Vitriol, and is made thus; Take an Iron Kettle very clean, and put as much of the calcined Vitriol in Powder as you please, spread it thin upon the bottom of the Kettle, make a fire under and at last your Vitriol will begin to fume, keep your fire pretty big, and stirring it with an Iron Rod, till at last it be as red as blood; then let the fire cease, let this be three or four times washed with fair water, and keep for your use after 'tis dried.

Its Use.

Its use is to make the Chymical Plaister before mentioned, or to put in other Plaisters according to the will of the Chyrurgion, or if it be mixed with any unguent, and be laid on an ill Ulcer, it maketh a Skar which you need not endeavor to take off, but continually lay more on, and leave the Skar in the Sore; for the vertue of this Vitriol is so great, that it causeth the flesh to grow under Skars; and when the flesh is enough grown, it will fall off, and then you need nothing but to skin it.

*The preparing of Vitriol, and the making
Ens Veneris.*

TAKE the Colcother of Vitriol, or rather the Caput Mort of Aquafortis that is
F 3 made

made of Vitriol & Salt-petre, being burnt to a sad redness, let the Salt be all drawn away with fair water, and after dried and powdered, pour upon this matter the Spirit of Salarmoniack or Urine, stir it well, and let it dry again before the fire, and do this moistening and drying seven times, at last powder it, and mix with it two parts of Salarmoniack purified, grinde and mix them very well, put them in a Glass Retort, and place it in sand, and by degrees of fire sublime for twelve or fourteen hours, stopping the mouth of the Retort with a little Cotton, and the Ens Veneris will be in the neck of the Retort of a yellow colour, put it to its weight of Colcother, mix them well, and sublime them again, and once more if you please by its self. *Its Vertues.*

'Tis a famous Anodine, suppressing all noxious humours, causing rest; the Dose is three or four grains.

Spirit and Oyl of Vitriol.

Fill a Retort almost full of Vitriol powdered and calcined white, as before, place it in a Winde-Furnace, and apply a large Receiver well and close luted, make a small fire for forty eight hours, and after

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increasing your fire to the highst, till your Receiver groweth clear and cool, which which then take off and put it into a Glass Retort, place it in sand and apply a Receiver, distil off the Spirit and the heavy Oyl will remain pure and clear.

A Rare Spirit of Vitriol.

TAKE Vitriol calcined onely to a whiteness powdered, put it into a Retort well coated, place it in your Wind-Furnace and apply a large capacious Receiver, whose body let lye in moist sand, and let it be fast luted to the Receiver, and let a very small fire be made under it for forty eight hours, then you may increase your fire greater for twenty four hours more, and to the highest degree you may, or possible you can for twenty four hours more, or until the fumes cease, and the Receiver grow cold; before the Receiver be cold rake it off, and pour it into a Glass, stop it close. The Caput Mort, or Colcother, take out, powder it, and mix it with its weight of Sulphur, put it in a strong fire, and calcine it throughly. Powder it and put it in a Long-body, and pour upon the same as much of the distilled Spirit as may moisten it, then place it in sand

and abstract the flegm, and the Spirit will remain inbided by the Colcother, then put on more, and do this six or seven times, till at last it will inbide no more, which you may know by its standing coloured red on the top; dry this matter well, put it in a Retort, and let it be distilled by a violent fire until all be perfectly come over, and of a yellow colour, and a most pleasant smell; take away the Receiver whilest hot, & pour the spirits in a glass, which keep close stopp'd.

Its Vertues.

It most certainly cureth the Epilepsie, Convulsion, in all obstructions of the body, purifieth the blood from every disease; cureth Pox, Gonorrhea, the Gout, Dropsie, Scurvy, Hypocondraick Melancholy, the Apoplexy, Palsie, Coma, Lethargy, the Cholick, &c.

Red Oyl of Vitriol.

TAKE Colcother of Vitriol powdered one part, and two parts of Powder of Flints; mix and grinde them well by themselves, and after grinde them into a Paste with spirit of wine, put this matter into a Glass or Earthen Retort, in a reverberatory fire, with its Receiver distil it according to Art, and

you

you obtain a heavy ponderous Oyl, to be used with Mettals.

Spirit and red Oyl of Vitriol.

Dissolve Vitriol in common water, filter it from residue, pour upon the green water some Spirit of Urine or Salarmoniac, and the green will settle and the water clear up; pour off the clear water, and coagulate it into a white mass, which powdered and put to two parts of fine white sand, in a Retort place it in sand, and distil from thence the Spirit, or else you may reserve the Salt, and 'tis a good purge; about 24 grains take. The Earth remaining, you may dry well and mix it with powdered Flints, and distil it into a blood red Oyl.

Its Vertues.

This Oyl perfectly cureth the Falling-sickness.

Ens Veneris.

Take purified Roman Vitriol, dissolve it in fair water and filter it, pour upon it so much Spirit of Urine or Salarmoniac as will precipitate the green or blew Sulphur, let it settle and pour off the water,

and wash it very well from salt, and bedew it again with Spirit of Salarmoniac, and gently dry it; this dewing and exicating by the sun, or before a fire, do seven times, and 'twill be a most fine subtile Powder. Take half of it, and add to it twice its weight of Salarmoniac purified, grinde and mix them very well, put them in a small Retort in a Sand-kettle, but so that the fire may come round it, make fire by degrees, and at last a very strong fire, and the Sublimate will rise green, and partly yellow, leaving a Regula behinde whitish; grinde this Sublimate and add it to the other half part, mix it well, put it in another Retort, sublime it again, casting away the Fecies, grinde this Sublimate again by its self, and sublime it until it be fixed and will rise no more.

Arcanum of Vitriol.

Vitriol being purified, as in the description of the Sympathetical Powder, must be digested in several Glasses close shut, for so long until various colours appeareth, and at last the highest redness, which being brought to this pass, powder it, put it in a Glass Long-body, pour upon it distilled Rain-water a little warm, stir it well, let it

stand

stand twenty four hours, and then decant it, and put on more warm distil'd Rain-water, which work reiterate so long as any acidity or sharpness may be attracted from the Earth: the Waters put together, and after filtration put it in a Long-body, place it in Sand and draw off about two thirds of the Water, which done set the Glass in a cold place, Chrystal will shoot, which with a wooden spoon take out, the remaining water evaporate again, and let it shoot as before, and this Evaporating and Chrystalizing must be used so often until all the Salt is converted into Chrystals, which you may put altogether and dry them by the fire or the sun, and if they be not pure and white you must dissolve, filter, and coagulate them again, as in the making of Salt-Petre out of the Earth, for the process is the very same. This pure Salt put into a Glass Retort, set in Sand with a Receiver well luted, make fire by degrees, and you obtain your Accutum, which rectifie from all defilements, and is prepared; take now your Earth very well dried, pour upon it this Spirit that it overtop it three fingers breadth, set it in digestion and the Spirit will be tinged of a yellow colour, somewhat redish, which spirit decant and put on more, and extract all
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the tincture, put all the tincture together abstract the Spirit so often in a gentle fire per Retort in Sand, until all the tincture come over in a golden coloured Oyl, sweet, fragrant and pleasant, which is the Arcanum of Vitriol, the Earth remaining white.

Its Vertues.

It cureth perfectly the Falling-sickness, and Convulsion in young or old, the Blood in the whole Body is hereby renewed, and the Gonorrhea, Pox, Gout, Leprosie, and other such like Diseases perfectly cured, Surset, Pluresies, Feavers and Agues of all sorts, and is counted for a Panacea in all Diseases.

Of Antimony.

A Ntimony or Stibium is of kin to common Lead, and like an abortive thrown out from him before his perfection by reason of his too much Sulphur, neither could he arrive to the perfection of a Metal for it overmuch abounding with Sulphur doth overcome the Mercurial part, that it cannot attract Salt sufficient for his coagulation into a fusile or Maluable Body, and therefore remaineth a Mineral, and that meerly Volatile poysonous in its crude Nature, and hurtful to the body of man, which

has made it be condemned and thrown aside by many men, yet it is a most certain truth that by experience is found, that one Poison may attract and expel another by its attractive quality; that is, the attractive Poison must first be prepared, that its medicinal faculty may be transmuted into such a Medicine sufficiently able to destroy the other Poison by its attractive Power. As for example, a Toad in its self is meer Poison, yet if first dried in the Sun, after put into a pot with a cover close luted, and to burn to ashes, if these ashes be laid upon a place stung or venomously bit, or the like, you shall see one venom attract the other, and the place freed from venome; the reason hereof, because the vertue of the Toad by his preparation is opened and rendred effectually powerful to attract its like Poison; as Oyl, or Fat will stain, or defile Cloath, but being prepared into Soap, it attracts its like, and then no more able to stain or defile, but has power to attract or take away such defilements; so Antimony, though full of venomous Arsnical qualities, after his Poison is taken away, may be transmuted into Medicine, which never more for the future retaineth Poison, but be so able and effecacious as to attract the Poison of Diseases to it self,

self, and expel it out of the Body, with it self. Now by reason every one that is willing to operate in Antimony, know not how to distinguish the good from the bad, know that the best being broak is of a yellowish or golden Cast, with broad streight veins, shining like silver, and is of a Golden Nature, abounding with Mercury; the other looketh pale and dull, has no yellow Cast, neither are the veins broad or streight, and this abounds with more Sulphur.

Vitrium, or Glass of Antimony.

TAKE Antimony finely powdered, lay it very thin in a Earthen or Iron Pan, set it over the fire, and when it begins to fume stir it with an Iron Rod until it cease to fume; but if it chance to grow too hot that it run into a lump, let it then cool, take it off and beat it fine again, and lay it very thin as before; calcine ~~it until~~ it be white, this white Powder put in a Crucible, place it in a most violent fire, that the Antimony may flow like water, then put in an Iron Wire that it may stick to the same, which hold up against the light, and if it be transparent 'tis sufficient, then pour it out into a Copper Pan by little and little, and you obtain a yellow transparent Glass.

Its Use.

It is used powdered about eight or ten gr. steep in Sack all night, the next morning strained and the Wine drank, in such Diseases requiring Vomiting, it likewise purges by stool also.

Regulus of Antimony.

TAKE Antimony one part, and calcined Tartar two parts, powder or grinde them well together, and fuse them strongly in a Crucible for one hour, pour it out into a heated Cone, the Regulus will settle, which when 'tis cold, separate the Fecies about the Regulus containing, the Sulphur of Antimony reserve for further use.

Its Use.

It purges both by Stool and Vomit, yet much more milder than the Vitrium.

Diaphoretick Antimony.

OF Regulus one part powdered, and three parts of pure Niter, grinde and mix them well, put them in a Crucible, and let them fuse for half an hour, and then empty it in a Cone, 'tis a white Mass, wash away the Salt by often pouring on of warm water,

water, and dry the Powder by the Sun or the Fire, the Water evaporated leaves a Salt called Sal Prunella, and far better than that made by Sulphur.

Its Vertues.

This Dose is from a Scruple to a Dram, given in any Disease requiring Sweat, its Dose is for Children, to 12 gr. to elder Folks from 30 gr. to a dram.

Tincture of Sulphur of Antimony.

TAKE the Fecies of the Regulus before, powder it, make a Lixivium, pour upon it Spirit of Urine or Salarmoniac, distill it by a gentle heat in sand, and there will come over a fair Tincture. Whilest it is yet dry pour upon it the spirit of Urine, and it will extract the Tincture of the Sulphur, decant the same and put it into another glass, draw off the spirit of Urine and there will remain a blood red Liquor, which extract with spirit of Wine, and the Tincture will be yet fairer, and if it stand in the sun two moneths it will be very pleasant. The fecies of the Regulus before, if water be added and a Lixivium made, it cures all Sabs.

If you pour Vineger, or any other acid Spirit, there will precipitate a red Powder, which

which edulcorate and dry the same. It is called *Auratum Diaphoreticum*, or the Golden Diaphoretick, but causeth strong Vomits, and therefore falsely so named; for from 10 to 20 gr. worketh both by Vomit and Stool.

Regulus Martis.

TAKE Antimony two parts, filing of Steel one part, burnt Tartar four parts, beat them finely and mix them well, and fuse them in a strong fire and set it to cool, the Regulus will settle, break the pot, take out the Regulus, and add to it twice its weight, melt it as before, and let the Regulus settle, and do this three times and it will be pure white and shining like the finest silver, and is called *The Star of Antimony*. If this Regulus be often stilled by fire with the Salt of Tartar, it will at last be consumed, which then resolved in the air it turns to an Oyl, and by often calcination and resolution, it will at last come over the helm. This Regulus may be made with Petre and Tartar, but 'tis far more excellent if it were made of Petre alone: this after it is fixed, if it be made volatile, dissolveth all bodies, both Mettal, Minerals, or Stones:

Crocus

Crocus Metallorum, or Liver of Antimony.

Mingle one pound of Antimony finely beaten and sifted, to one pound of Salt-petre, then set a Crucible in the fire, and heat it red hot, put in one spoonful of the matter after another until the Crucible be full, cover it with a tyle, and make it fuse, and pour it into a Mortar heated, which being cold is like a Liver, and beaten to Powder called *Crocus Metallorum*.

Its Use.

This both vomiteth and purgeth; the Dose is from 10 to 20 grains, or else may be used by Infusion, viz. about half a dram infused in one ounce of Wine all night; or put one ounce of this Liver to one pound of Wine, whereof you may drink to two ounces.

Fixed Powder of Antimony.

Take very fine sifted Antimony, pour upon it a Lixivium of Petre, let it overtop the Antimony four or six fingers in breadth, set it in sand, and make a strong fire for ten or twelve hours and then cease, decant the water, and then boyl it away till it is perfectly dry, fuse it in a Crucible, and pour

it out in a Cone, after bray it whilest hot, and pour upon it Spirit of Urine, and extract all the Tincture, abstract the Spirit of Urine, and abstract it again with Spirit of Wine, abstract the Spirit of Wine, and a red Powder remaineth.

Its Vertues.

It driveth forth coagulated Blood, and opens all Obstructions of the whole Body, breaketh Imposthumes, radically cureth the Lues Veneria; the Dose is 30 gr. and may be taken two or three times a day.

Balsam of Antimony.

TAke one part of Antimony, half a part of fine common Salt, and six parts of fine Sand, grinde and mix them well, and distil them by a most violent fire, and a red Oyl will flow, from which abstract the moisture to a dryness, grinde it and place it upon a Marble, and a pelucid Balsam will flow. Excellent in all Wounds, Ulcers, Fistulaes.

Oyl of Antimony.

TAke Mercury sublimate finely searsed, and Antimony searsed, of each equal parts,

parts, put them in a coated Retort, and set great
 them over a Reverbatory fire, make a smaller fire w
 fire until the thick Oyl, like Butter, be all wast
 come over, and if it chance to stick in the neck then
 neck of the Retort, hold a little fire under it up
 and 'twill melt and run down into the Receiver. Th
 ceiver. This Butrium let stand in the Air, weak
 and it will attract a moisture to make it nit,
 more thinner. fine f
 Feav

Its Use.

This Oyl is used by Chyrurgeons in such Scorb
 wounds as are desperate and almost incurable, draic
 able, by dipping a feather in it, and touching to ei
 ing the part, so to separate the impurity, &
 as in the Cancer, Wolf, Noli-me-tangere, &

Cinaber of Antimony.

After the Butrium is all come over f G
 make a strong fire by degrees, and until
 there will rise in the neck of the Retort the more
 Cinaber of Antimony. *Its Vertue.* triun

'Tis a good Diaphoretick in the Pox, Go quan
 norrhea, and the Dose is to 20 grains. preci
 10 or

Mercurius Vita.

TAke of your Butrium as much as you requi
 please, upon which in a Glass pour Scorb
 great prop

great quantity of water, and the white flowers will settle, decant off that water, and wash it ten times more, or until it be sweet, then dry it by the sun, or the fire, and put it up for your use. *Its Use.*

This is not fit to be given to Children, weak people, or such as are not used to vomit, but in strong bodies, 'tis a good Medicine for the Pox, Gout, Scurvy, Dropfie, Feavers, &c. It is good for those that are Scorbucal, or posselt with the Hypocondraick Melancholy; the Dose is from five to eight Grains.

Bezoardicum Minerali.

TAke what quantity of Butrium you please, put it into a Gallon Receiver of Glas, pour upon the same drop by drop, until the ebullition end; put on so much more as will make it the weight of the Butrium, as soon as it is done, pour a great quantity of cold well-salted water, and the precipitate will settle white, let it settle for 10 or 12 hours, after wash it with fair water.

Its Use.

It is a good Sudorifick against all Diseases requiring sweat, as the Plague, Pox, Feavers, Scorbute, Leprosie, used from 8 to 30 gr. in a proper Vehicle.

Flow-

Flowers of Antimony.

TAke one part of Antimony finely powdered and searced, two parts of white Salt, & four parts of Danick Vitriol, grind and mix them very well, put them in an earthen Jugg, commonly call'd a *Long-neck* place it over the fire, apply a Receiver lute having one pound of water in it, make fire by degrees, and at last as strong as possible you can make, for the Flower will come over both yellow and white. If you draw off the flegm and set them in the air, or in cold and moist place, they will resolve into Butter. If you onely wash them with fair water often, and dry them, they are of the same nature of *Mercurius Vitæ*, and the Dose is the same. If the Flowers be dissolved in Spirit of Petre, the Spirit again abstracted from thence, it leaves behinde its fixt Powder, which is *Bezoardicum Minerale*.

Tincture of Antimony.

TAke one part of *Regulus Martis*, and four parts of purified Niter, mix them well and in a Crucible fuse them into a blew Mass which pour out whilst hot, bray it and mix

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with it one part of the pure calx of Gold, that has been seven times extracted with Aqua Regis, and after reverberated with Sulphur, put it into the Crucible again, and fuse it into a clear transparent Rube or Colour; which pour out into a heated Cone, and bray it whilst hot, and pour upon the same of the best rectified spirit of Wine, and extract the Tincture, leaving only a white Body behinde; the tinged spirit of Wine put in a small Retort, and draw off the half part, and keep the remainder as a Panacea.

Its Vertues.

It is a most pleasant and general remedy in all Diseases, and cures those that are hurt by Mineral Vapours, or hurt by Arsnick or Mercury.

Sulphur of Antimony.

TAke six ounces of Antimony, 12 ounces of purified Petre, 2 ounces of Common Salt, one ounce of powdered Char-coal, mix them well and cast them in a red hot Crucible one spoonful after another, until the Crucible be full, or all your Materials in then, let melt or flow one quarter of an hour and then pour it out in a heated Cone, when 'tis cold, pour hot or warm water upon it, and

and this do ten or twelve times till 'tis well
dulcified, and you have a yellow Sulphur
which dry and put up for your use.

Salt of Antimony.

TAKE the Regulus of Antimony made pe-
se, powder and searce it, put it in
Long-body, put it in Sand, and by a mode-
rate fire the Antimony will sublime, but eve-
ry day brush down what is sublimed to the
bottom, which do until it all remain fixed
then take it out and grinde it most subtilely
leave it in a Cellar upon a Marble, and in
half a year it will resolve into a Liquor, some days
Fecies remaining, for the Salt only melted Vine-
filter this Liquor, abstract the Flegm in a Bath
to a thick Liquor, set it in a moist Cellar the re-
Chrstian will shoot of a redish white, which tract
pure until they be white; Salt of Antimony Medi-
may be obtained in half the time another way.

Vineger of Antimony.

TAKE the Es. or Mineral out of which
Antimony is melted, beat or grinde it
to very fine powder, put it into a Long-body
dy, pour into it distilled Rain-water, that it
Gl

Glass may be half full, lute it about, putrifie it in *B. M.* or Horse-dung, until the Ef. begin to form or froth, put this digested matter in a Crucible, lute on a head and to it a Receiver, and abstract the water which will be a little acid, which being drawn off, increase the fire somewhat sublimer, which mix again with the Fecies, moisten it again with the Water, that was extracted from it, and distil as before, which labour you must reiterate until it be so strong as distilled Vineger. Every time putting down the sublime to the Fecies, pour this Vineger upon new easily, set in a small heat for twelve days, it will have extracted a redness; this Vineger separate so that no Fecies come with it, and again separate the Vineger from the red Tincture, the Tincture again extract with spirit, and reserve it as a supream Medicine; rectifie your Vineger in *B. M.* that the Flegm may be separated, then to one pound of Vineger put four ounces of the Salt, distil it in Sand strongly, so the Vineger will be more fortified.

Its Use.

This Vineger allayeth Gangreens, helpeth Scalding or Burnings, and if it be ground with the Sulphur of Lead, so thick as an Ointment, then mixt and ground with Sal

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Pru-

Prunella and the Water of Endive, it divideth and cures the Squinancy, and extinguisheth all preternatural heat.

Mercury of Antimony.

TO the powdered Regulus put the Spirit of Tartar, close stopt digest it two months then abstract the Vineger to the remaining matter, add four times its weight of filings of Steel, put it in a Retort, applying a Receiver close luted, and half full of water, urge it by a strong fire, the Mercury comes in fumes, and turns to true Quick-silver.

Sulphur of Antimony.

TAKE Antimony as it comes out of the Mine, of the best, and Petre purified, of each equal parts, grinde and mix them well set fire from above, and a dark matter will be left, the Alkali being separated, make a Glass as before, which Glass powder and scarce, and with the Vineger of Antimony Extract all the Tincture, the Tinctures put in a Glass by themselves, drive off all the Vineger in B. M. and a powder remains which again extract with highly purified Spirit of Wine, separate it from the Fecies.

and thou hast a most red Extraction profitable in Medicine.

Its Use.

It purgeth the Blood, cureth the Asthmatick, P'risick, it allayeth the Cough, and cureth the diseases of the Lungs, and most violent Diseases.

Acid Oyl of Antimony.

TAke Antimony, Sulphur, Petre, of each a like quantity, put them under a Campana, and distil them according to art, and there will come an Oyl resembling the common Oyl of Sulphur, but much more stronger by reason of the addition, but if you add two parts of Salt-Petre, you will have more Oyl, by reason it will be more free in burning.

Its Vertues.

It has all the Vertues of the common Oyl of Sulphur, and operates more potently, it inwardly doth help the defect of the Lungs, and outwardly to all old Sores, or Ulcers.

Purge of Antimony.

TAke Flower of Antimony, and grinde them with their weight of decripated

Salt, put them in a gentle Body in Sand, and let them stand 16 hours in a good strong fire, the which let cool and separate the Salt, and dry for your use. These Flowers onely purge downward, for the Vomitive quality of the Flowers lying in a Volatile Salt is hereby separated, and therefore rendered wholly purgative.

Of Arsnick.

An easie Way of purifying Arsnick from its venomous qualities.

TAke Arsnick what quantity you please, put it in a glased Pot finely ground, mix therewith the best and sweetest Oyl-Olive, so that it may be all like an Ointment, and after put so much more of the said Oyl that it may overtop the whole two fingers breadth, make it hot at a gentle fire for one hour, and then the Oyl will be very black, which decant and add more Oyl, and do as before until the Oyl at last comes off as clear as it was put on, after wash the Arsnick with a Lixivium of Petre that the unctuousness of the Oyl may be taken away, and after cleanse it from its fixed Salt, for it is prepared.

Its

Its Vertues.

It is used and approved by some to be a good Diaphoretick indangerous Pestilential Diseases.

To Sublime Arsnick.

TAKE Arsnick one part calcined, Vitriol two parts, grinde and mix them well put them into a Retort, set it in a sand kettle, make a gentle fire under for six hours, after increase it according to art, and it will rise in the neck of the Retort, part Christaline, and part in fine Flower; the Christaline part you must resolve and keep for your use, casting away the light powder; this must be two or three times sublimed from fresh Vitriol, and afterward sublimed with its weight of Flowers of Sulphur Vive.

Its Vertues.

It is used to move Sweat, and in Diseases of the Lungs, the dose is 8 gr. it cureth outwardly Cancers, and malign Ulcers..

Fixing of Arsnick.

TAKE of Arsnick and Petre of each equal parts powdered, put them in a Crucible and fuse them for ten or twelve hours, and

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they

they will be in a blew Mass, with Spirit of Urine, you may extract the blew Tincture, and after with Spirit of Wine, if the Crystals of Arsnick be only fused, and then resolve it to an Oyl; It cureth the Cancer, or any other old eating Ulcers, If Arsnick be mixed with two parts of Salt, and four parts of calcined Vitriol, yields a Butter like Antimony for the same use.

Looking Glasses made by means of Arsnick.

Although this be nothing to our purpose, yet considering it falls in our way, I have thought good to set it down, which you may read if you please, if not you may pass it over; take Arsnick prepared with Oyl before the addition of fixed Salts, of this one part of thin Lancers or Plates of Copper four parts, moisten the Plates with the Liquor of fixed Petre; and make *stratum super stratem* of Arsnick and Venice until the Crucible be full, which done put on the cover very fast luted, and dried, place it in Sand, so that onely the top of the cover may be out, administer fire first small, so increase it until all the Oyl be evaporated, and when it shall be cold break the Crucible, thou shalt finde the Copper very white, and well prepared

pared for your use. Take of Copper one part, of Tin two parts, put in first the Tin, melt it with a quick fire and add the Venice, pour out the mixture, you have a very hard Metal: take off this hard matter one part, and of pure Tin three parts, effuse it and a hard white Metal will be made, serving for the making Looking-Glasses; or thus, take of Arsnick prepared with Oyl and fixed Petre, one part, of Copper six parts, of Tin two parts, which fuse and melt as before into the matter of Glass.

Tincture of Arsnick.

IF after the strong fusion of Petre and Arsnick, you extract the Tincture which is blew, and add it to the Tincture of Luna, let it stand 14 days in digestion, and then abstract in B. all the Spirit of Salarmoniack, upon it then pour Spirit of Wine, extract all the Tincture, filter this Liquor from Fecies, and abstract the most part of the Spirit of Wine.

Its Vertues.

It is used in Diseases of the Lungs, and for Ulcerations of the mouth and other parts, and may be safely used inward and outward, without any danger.

Of Flints.*Powder of Flints.*

TAKE Flints what quantity you please, heat them glowing hot, & quench them in cold water, and they will crack and look whitish, which after you may pulverize, scarce, and keep for your use. *Its Use.*

This Powder is used and approved by many in the Disease of the Stone.

Oyl of Flints.

TAKE Flints prepared as before, mix them with half so much of purified Salarmoniack most subtilly ground together, put them in a Retort, sublime them by a strong fire in sand, this sublimation use seven times from its fecies, and there will rise a fair Sulphur, which in a cold and moist place will resolve into an Oyl. *Its Vertues.*

This Oyl consumeth the Stone, and expelleth the same, mightily increaseth mans natural strength, being given in any liquor, it dissolveth calcined Gold, and carrieth it over the helm. This Oyl may be made by dissolving the Flints, or more properly extracting

tracting this Sulphur with graduated Spirit of Salt, the flegm extracted in B. the remainder will upon a stone resolve into an Oyl of the same nature, as before.

Artificial Precious Stones.

OF Flints may be made Artificial Rubies, Emeralds, Amethysts, Saphires, &c. seeming very much like Natural, for which purpose you must have Flint that are not coloured, which you may know, for which they are quenched in cold water, if any Metall be in the stone 'twill shew it in veins, of red or other colour; or you may use the pure, clear chrystalline Pebles gathered by the sea side, or of Chrystals of Flints, &c. prepared into Powder, and of pure Salt of Tartar, of each alike, and of the colour you intend, so much as is necessary, fuse them so long till the Salt of Tartar be evaporated, and the Flint and colour be like fusible Glasse, which is known by putting in Iron-wyer.

Salt of Chrystals.

TAke of Chrystals prepared in Powder as the Flint, put them into a Crucible with

two parts of Niter, fuse them for some hours and then separate the alcali with often ablu-
tion with water. *Its Use.*

The Chrystal thus prepared, are good Diuereticks and Stone-breakers.

Of Talck.

Reducer English Talck, or Venice Talck into fine powder, wash it well with water, until it come off clear, and dry it, then dissolve it in Aquafortis, and when the solution is made, precipitate the matter with Spirit of Wine or Urine, and it will precipitate, which wash well with water, and keep it for your use. *Its Use.*

It is a very good Fucus, and is used in the deformities of the skin, as the Freckles and Sun-burnt.

Calination of Talck.

TAke one part of Talck, and four parts of Salt-petre, grind and mix them well, and artificially distil them in a Vessel containing burning coals, let a large Receiver be applyed, and you obtain in the Receiver Flower and Spirits, and in your Distilling-vessel will remain a white mass, and sometimes

times a little reddish, which take out and dissolve it in fair water, and a white powder will precipitate, which wash well and dry, and keep for your use: but if it precipitate not well, then a little Spirit of Vineger, or Salr, and 't will all precipitate; dry this powder and keep it for your former use, the Flower may also be dulcified, and keep for the same use.

Spirit Flores, of Zinck or Spelter.

IF two parts of Spelter be mixed with one part of Salt-petre, and distilled as that of Talck, you obtain a great many Flowers, with a Spirit and Oyl. *Its Vertues.*

They provoke Sweat abundantly, and sometimes Stools and Vomits, the Dose is two Grains, outwardly they consolidate fresh Wounds, old Sores, such as alwayes drop water, they are great dryers, they may be strewed by themselves, or made up with some unguent, and in plaisters; or in deep wounds, let a Suppository be made with Honey and these Flowers boyled together to a hardnes, and so put in the wound, and over it a same plaister. If strewed upon the place healeth the galding of children, or others.

Preparation of Lapis Calaminaris.

TAKE one part of Lapis Calaminaris, and three parts of Petre, let all be powdered, and well mixt, and put in a very clean Iron-kettle, and a fire made under until it melt; keep it thus fusing until the mass be of a deep green colour, which sign appearing take it off, and before 'tis cold put in a good quantity of fair water, and all the greenness will be extracted out of the species, which immediately decant in a Glass-body, let it stand a little, the green will precipitate in a red powder, which edulcorate and dry for your use. Or if you take the water before the green be precipitated, and coagulate into a green mass, you may extract the Tincture with the Spirit of Wine, the most part of the Spirit again extracted, you have a Tincture of the Nature of Gold of excellent use.

The Vertue of the Powder and Tincture.

It hath the same vertues of the Flowers of Antimony, but more effectual and far more safe, it causeth gentle Stools and Vomits, purging forth choler, and evacuating flegmatick humours from the stomach, and such other tough humours as will yield to no other

other Catharticks; they open Obstructions, resist the putrefaction of the blood, helps Agues, Feavers, Hypocondraick Melancholly, Scorbutick Distempers, and such as are infected with the Lues Venerea.

The Tincture being continually used, is good for all the aforesaid Diseases inwardly, outwardly it cureth all sorts of Ulcers of the body. Those of the Mouth, the Cancer, Fistula, Wolf, Noli-me-rangere, or any kinde of eating Serpentine Ulcers, such as continually run, or drop water, or the like.

Of Sulphur.

Flower of Sulphur.

Sulphur may be distilled by it self, but if to one part of Sulphur you adde two parts of Colcother of Vitriol, or common Salt, both powdered a part and then mixt, may be sublimed Flower far more excellent in Medicine.

Its Vertues.

It is a great Dryer, and is used in Diseases of the Lungs, &c. and for Wormes in Children, for Distillations or Catarrhs, for Scabs and Itch, &c.

To purifie the Flower of Brimstone.

TAKE one part of Flowers prepared, as before, two parts of common Salt, grinde and mix them well upon a stone, and add to them in grinding some Spirit of Salt, so that it may be like PASTE, which ended put it into a glased Pipkin, and pour to it so much fair water as will cover it six inches, boyl it (keeping it stirring with a stick) until two hours be over or more, then take it off and let it cool, and decant the water, and the white matter will settle, which if it be not white enough, put more Water, and Salt and Vineger, and Alume, and boyl it again until no Tincture rise from the Brimstone, but it remain pure and white, which after dry and keep for your use.

Its Use

This is more purer than the Flower, by reason of its preparation, 'tis a great Disinfecture used in all kinde of Scabs, Itch, Boils, Sores, old Ulcers, Ulcers of the Lungs, dryeth up defluxion that falleth upon the Brest and Lungs, expels Flegm, kill Worms; for the Lungs or inward Diseases it may be given in any Syrup, or made into a Balsam, with Oyl of Turpentine. Outwardly

wardly

wardly, it may be mixed with any Ointment Oyl proper, and so used, or with some Pomatum, or with Butter; The Dose inwardly, is from a scruple to a dram.

Balsam of Sulphur.

TAKE one part of Flowers of Brimstone, and two parts of Oyl of Turpentine, put them in a Long Body, set it in Sand, make a fire under that is not very big, continue this for eight or nine hours, and then let it cool and decant your Balsam, keeping it in a Glass for your use.

Tincture of Sulphur.

TAKE Balsam of Sulphur put in a Long-body, and put into it some Salt of Tartar calcined until it looks blew, and after for two hours melted in the fire, separate all the Oyl of Turpentine by distillation to a dry Mass, out of which in *B. M.* with Spirit of Wine extract a Tincture.

Its Vertues.

This Tincture is a good Diaphoretick, and likewise purgeth by Urine, it driveth out Surfers, the Small-pox, Meazels, helpeth Coughs, Catarrhs, Apetire lost, driveth

vetth out Gravel in the Reins, helpeth the Consumptive, Ulcers in the Lungs; outwardly it cureth Itch, new Sores or old Ulcers; the Dose inwardly to be taken daily is to fix drops, but to sweat upon it, to one dram.

Tincture of Sulphur.

TAKE one pound of Flowers of Sulphur, put it in a Long-body, place it in Sand, make a good fire under for ten or twelve hours 'twill extract a red Tincture, after coagulate the same Tincture into a red dry Mass, which extract with Spirit of Urine; extract the Spirit of Urine again from the Tincture, par B. M. to blood red Liquor, which extract again with Spirit of Wine, and 'twill be of a fair redness, and of a yellowish cast poured into any Liquors, and not unpleasant.

Oyl of Sulphur par Campana.

THIS Oyl of Sulphur is made in Glass which opens at the Top in this Form following.



A The top of the Bell, or Campana, that the Flowers may pass, and to give a free passage for the fume to ascend and carry the spirits upward

B A Ring about the Glass, whereby it may the more easily be handled when hot.

C Represents the body of the Bell, which the Brimstone in burning must keep always very hot, else little Spirits will come.

D The Basen placed under to receive the Oyl, with some water in it, that the Spirits may not corode the Basen.

E The Earthen Vessel set in the Basen of water, containing the Brimstone to be burnt.

FF are square pieces of Glass, or Glass Bottles set upon the Brim of the Basen, upon which the Campana must stand, there must be three at least.

To put this in use, you must take the Vessel

Vessel E, fill it full of powdered Brimstone, set it in the Basen D, then let the square piece FF, viz. three of them at equal distance upon the brim of the Basen, so that the Bell may handsomly stand upon them, then with a red hot Iron thrust into the Brimstone, set it well a fire, and clap over your Bell C, taking of it off the Ring B, and stir it well with a red hot Iron, and when the Brimstone is decayed or burnt, supply it with more; your Oyl will diffil down the sides of the bell into the Basen, which when the distillation is ended, pour out in a glass and keep for your use.

Its Vertue.

It is good in such Diseases as are accompanied with winde or putrified humours or Melancholy; it giveth help to Feaver Agues, quenches the preternatural thirst, relieveth the stomach, dissipateth rough Flegm, it cleanseth the Reins, bringeth forth Gravel; It helpeth all Inflammation internal or external. It helpeth Wound Ulcers, Cancers, Noli-me-tangere, or a stinking, nasty, putrid Sores, and many other Diseases.

The Third B O O K.

Of the Preparation of Metals.

Mercury Sublimate.

TAke of Mercury, of Vitriol calcined yellow, of decrepitated Salt, of each one pound, of Salt Petre 4 $\frac{3}{4}$ grinde and mix them well upon a stone, put them into a Retort, apply a Receiver luted, distil it with a small fire until all the Spirit be come forth, and the neck begin to look white take away the Receiver, stop the mouth with Cotten, and increase your fire for eight or ten hours more or till all be sublimed, if it be well done, 'twill be the same weight 'twas before or heavier, you may reiterate the sublimations as often as you please.

Red Precipitate.

TAke three parts of Spirit of Salt-Petre, and Vitriol or Aquafortis, and Spirit of Quicksilver, set it in Sand till it is dissolved; then urge the fire that all the Spirits be

be evaporated dry, then pour upon it so much more Aqua fortis, dissolve it and do as before; do this a third time, a fair red Precipitate remaineth, put this in a Glased earthen Vessel that will hold no more, lute on a lid, and set it in a Sand Kettle for 24 hours with a strong fire under, and then edulcorate and dry the same.

Its Use.

It is excellent for all old Sores which cannot be helped with other Medicines, it cleanseth and healerth them; It eateth away all dead and proud Flesh.

Turbith Mineral.

TAKE two parts Spirit of Niter, six parts Oyl of Vitriol, and one part of Quicksilver, set it in Sand four hours, abstract the Spirits, and the Mercury looketh somewhat yellow, do this three times with fresh Spirit and it will be at the highest, always making a strong fire, at last dulcifie it with warm water until 'tis sweet. *Its Use.*

It purges strongly, and often provoketh to Vomit, it is used in the Pox, and the verulent Gonorrhea. This Turbith may be made by Spirit of Sulphur, adding two parts of Oyl of Sulphur to one of Mercury.

White

White Precipitate.

Dissolve one pound of Mercury in two pounds of Aquafortis, and by addition of salt water precipitate it into a white Powder, pour the water by inclination, and that Precipitate wash with fair water until the Acrimony be lost, then dry it.

Its Vertues.

Its inward Dose is from six to twelve gr. it is especially used in venereal Diseases, it purges downward, and being mixt with Oynment is used outwardly, by friction cureth the Itch.

Mercurius Diphoreticus.

Take purified Sol. in thin Lamens one part, the mineral Eagle purified twelve parts, mix them according to Art into an Amalgama, put them into a retort of Glass, put upon the same twice the weight of the Amalgama of the sweet red Lyon, digest it twenty four hours and then distil it off until all the moisture be separated, make a strong fire at last, this done put as much more of the red Lyon, do this three times, and every time making the fire very strong, at the end

end take your Retort out, pour fresh water into it a great quantity, set it in Sand, and boyl the water, then decant it, and wash it with more fresh water many times, and dry the same, pour upon it the spirit of Wine, stop it close and set it in B. twenty four hours, then decant it and put on more, this do three times and 'tis prepared; If this be again put to its weight of the red Oyl, and three parts of good spirit of Wine digested in B. it resolveth into a red Oyl.

Its Use.

It is a most excellent Medicine, the Dose from 5 to 8 gr. use morning and evening, sweating two hours upon it, in the Pox if any pustles arise use the red Oyl of Calcothar, it cureth likewise the Gout, Dropfie, Plurisie.

Purging Mercury.

IF from Mercury the Oyl of Salt be once abstracted, it leaves a white Precipitate, which only purges downward.

Its Use.

It cureth the Pox, Gonorrhea, heals the Ulcers of the Bladder, and Throat, and radically cureth the Gout, and all Feavors, the dose is 8 gr. if the Liquor of the whites of Eggs be three times abstracted, and will be red and called *Arcanem Corallinem.*

Mercurius

Mercurius Dulcis.

TAKE Quick-silver twelve ounces, of Mercury sublimate one pound, grinde them together, adding by little and little the Quick-silver, and if you please add a little distilled Vineger, mix it so that no live Mercury appear, and it look blackish, then put it to sublime in sand in a Retort, for eight or ten hours, let it cool, cut off the Glass, and separate the matter sublimed from the fecies, and sublime it once again by it self.

Its Vertues.

This Medicine is much used in the French Pox, Gonorrhea; the Dose from 15 to 30 grains in any proper Pill.

To make Mercury of Mettals.

TAKE Saturn, Jupiter, or Luna, in thin Lamens, pour upon them distilled Vineger, and twice their weight of purified Salarmoniack and Salt of Tartar, let them stand ten or twelve days until they be dissolved, and then distil them into a Receiver, holding fair water: but the best way is as the Mercury of Antimony.

Oyl,

Oyl, or Water of Mercury.

MELT Tin, and when 'tis almost coagulated add to it equal weight of Mercury or Quicksilver, which incorporate until they become a PASTE, which finely grind on a stone, and add to it of sublimate so much as it weigheth, work them together, and in a moist place they will resolve into water which distil per Retort, and keep the water for your use.

Its Vertues.

It cureth Cancer, Noli-me-tangere, eating Ulcers, and the like.

Arcanem Corallinem.

TAKE of the red Precipitate one part, pour upon it fair warm water, stir it and wash often until it be sweet, put this sweet Precipitate into a Retort, decrepitated common Salt half a part, and two parts of Spirit of Salt, set it in Sand, draw off the Spirit of Salt, and at last make the strongest fire you can in Sand, for the Spirit of Salt will fix the Mercury, so as to be fit for Medicine, sweeten the Precipitate with much warm water, and after reverberate it by it self.

Its Vertues.

It purges and cureth the Pox, and verru-
leth the Gonorrhea, the dose is to 8 gr.

Of Lead and Tin.

To calcine Lead.

MELT Lead in an Earthen Crucible, add
to it thus melted its weight of Quick-
silver, and then stir it till it become a Pow-
der, which wash with Salt and Vineger and
after with water till the blackness be ex-
tinct, and it become fair and sweet, then
calcine it with Salt in a Reverberatory, and
edulcerate the matter for 'tis prepared to
make the Mercury.

To calcine Lead, or Tin.

MELT it in an Iron kettle and purge it
well, and cast into the same a little
Salarmoniack, increase the fire that the pan
be red hot, then add one quarter part of
prepared Salt, and one eight part of the
calx of Vitriol and Petre, and keep it in a
strong fire till it be rubified then dulcifie it.

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Its Vertues.

This Calx is used in good success in Plaisters and Unguents for new and old Sores, and for Burns and Scalding.

To Calcine $\frac{1}{2}$ par se.

Melt Lead in a Leaden kettle, cleanse it from the Scoria or Dross, increase the fire that the Matter be red hot, continually stirring it with an Iron Spatula until 'tis reduced into a Calx, which scarce and reverbate into Minium.

To sublime Lead or Tin.

Take one part of Calx of Lead, and one part of pure Salt-Petre, distil them according to Art, and you get pure white Flowers.

Its Vertues.

They are used in Unguents and Plaisters, to dry and heal, and appease all outward Inflammations, or where places are gal'd.

Lacca

Lacca Virginis.

IF equal parts of Salt or Sugar of Lead, and salt Gembe dissolved in Plantain-water, and afterwards mixt together makes a Milk that taketh away redness in the Face, Sun-burn, Morpew, Freckles, Pimples, Pusshes, or any Inflammations.

Salt, Spirit, and Oyl of Lead, or Tin.

TAke Letharge, pour upon the same good distilled Vineger in a Pipkin, boyl it over a fire for six or eight hours, that done put on more distilled Vineger, and boyl it again with the Fecies eight or ten hours, and then decant it to the other Vineger; these tinged Vinegers put into a Pipkin and evaporate the Vineger to a Skim or the halfpart, and set it in a cold place Christal will shoot, and with a wooden spoon take them out; then boyl the remaining Liquor to a Skim, set it in a cold place Christal will shoot, put these Christals together, dry them and keep them for your use: but if you will make an Oyl then dissolve these Christals in fresh Vineger,

neger, and proceed with boyling, and after chrystalizing, until they are sufficiently impregnated with the Salarmoniack of the Vineger, then digest them in *B.M.* until they be resolved into a water, or liquor, which distil per Retort in sand, and there will come over an Oyl of most fragrant smell, and a yellow Oyl at the top, and red Oyl at the bottom.

Its Vertues.

The Salt dissolved in Rose-water and dropt in the eyes, cureth Inflammations.

If upon the Saccarum Saturni, or Chrystals, you digest Oyl of Turpentine, you extract a blood red Tincture, which is called *Balsam of Saturn.*

*To make Glasse of all colours, for the In-
amelling of Rings, &c.*

TAKE one part of Minium, & three parts of Chrystals, or Powder of Flints, set them in a Potters Furnace, and fuse them into a Glasse, which will be green or yellow; of this Glasse, Venice Glasse, ashes of Jupiter, and the proper colours mixt may be made Glasse diversly, and such as the Goldsmiths use, but the best Glasse is mentioned before; as for the colouring of Glasses you may finde in another place.

Spi

Spirit and Oyl of Saturn.

IF Vineger of the Philosophers be so often poured upon Letarge of Saturn, drying it every time, and so continuing inhibing and drying the same, until it will no more dry by a small heat, which then put into a Retort, and distil a sweet Spirit, and red Oyl, or Balsam.

Of Iron, or Steel.

Crocus Martis.

TAKE of the Filings of Steel and Sulphur, of each equal parts, grinde or mix them well, and put them in a Crucible, set them in a Furnace in a naked fire, until the Sulphur be all burnt, which being ended, extract the Tincture with distilled Vineger, the Vineger again abstracted leaves a red Crocus, which calcine in a Furnace for two hours, and wash away the Acrimony with warm water.

Its Use.

The use of Crocus Martis is usual to stop Fluxes of the Belly, Diarrhea, and Decentery. Externally used in Ointments and Plaisters,

Plaisters, for the drying up Wounds or Ulcers. Note that if the Salt be not well cleared from the Crocus, then 'tis rather opening than binding; and Steel unprepared is better than that in the body.

Oyl, and Crocus Martis.

Dissolving the Filing of Steel in Aquafortis, or distilled Vineger, and the Solution pour off from Fecies, and draw off the acid Spirit and the Crocus remaineth, which lay upon a stone in a cold and moist place, will resolve it self into a Balsam, or Oyl.

Its Vertues.

It helpeth all coroding Ulcers, Fistulaes, Cancers, &c.

Crocus Martis.

Take fresh Calx-vive as much as you need, and moisten it with Urine until it be like Pap, take a Crucible at the bottom, make a lay of this lime, and upon it a lay of Steel-dust, and so to the filling of the pot and then firmly lute and set it in a Potter Furnace for 24 hours, then let it be beaten very fine and searfed, and after wash away the Lime.

Oyl

Oyl, or Tincture of Mars.

TAKE one part of Crocus Martis, and three parts of Nitre, fuse them very strongly for four hours, which pour out in a Cone, and whilst hot bray it, and extract the Tincture with Spirit of Urine, and after with Spirit of Wine; the half of the Spirit of Wine separated leaves a good Tincture, safely to be taken in Fluxes of the Belly, without any danger.

Ens Mars, and Oyl of Mars.

TAKE Crocus Mars, imbibe it with the water of Salarmoniack, two or three times a day before the fire, stirring it until it has imbibed its weight of Salarmoniac, then dry the same, put it in a Sublimetory, and by degrees of fire, yet at last very strong, you may sublime the Tincture, or Ens Martis, which you may extract with Spirit of Wine, and then the half part of the Spirit again abstracted, leaves the true Tincture or Oyl of Mars, and a most excellent Medicine.

Salt, or Vitriol of Mars.

TAke one part of the Oyl of Vitriol, and two parts of common water, put it into a Long-body of Glass, and put therein your Powder of Steel, set it in a sand-kettle, let it boyl till the Oyl will dissolve no more, pour away that liquor, filter it through a Brown Paper, and put it into a short Glass, set it in sand, and make the flegm to evaporate to skin appearing, then let it cool, set it in a cold place green Chrystal will shoot, take them out and dry them upon a filtering paper, the remaining liquor which did not shoot, you must evaporate again to a skin, and more Chrystal will shoot, and do this till all the liquor be turned into Vitriol.

Its Vertues.

It is operative or opening very much, it opens the obstructions of the Liver and Spleen, cureth the Green-sickness, bringeth down Womens Courses, helpeth the Jaundice; the Dose is from one scruple to one dram.

Oyl, and Flower of Mars.

TAke of the Crocus Mars made with Aqua fortis (but the Spirit must not be drawn

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drawn off too dry) and pure Salt-petre, of each equal weight, mix them well and distil them, and there will come over flower very useful for Chyrurgeons, as you may read of the Crocus; but these flowers, the body being more opened by sublimation, are the more excellent for use. If the flowers of Mars, or any other Metal be dissolved in Aquafortis, and a like weight of Salt of Wine even sificated, dissolved in the same menstruum, these joyned together and distilled, the Mettal will come over in an Oyl.

Of Silver.

To calcine Luna with Mercury.

MAke Luna in very thin Plates or Lamens, then take off Mercury six parts make the Luna very hot in a Crucible, then take it off and pour into it the Mercury, stir it together until it be brought to a Powder, then add to it of common Salt that is decrepitated, set it to the fire again until the Mercury vanish, then edulcorate the Matter, and 'tis calcined.

To calcine Luna with Aquafortis.

Dissolve Luna in Aquafortis, to one part of Luna take three of the water, set it to dissolve in ashes by a very small heat, which pour off in a Glass or Glased Pan, and upon this solution put a great quantity of Salt water, and your Silver will turn into white Curds, which will precipitate and fall to the bottom; which wash well with fair water and a white Calx remains, which put up in a bottle close stopp for your use.

Its Vertues.

It is used by Ladies and Gentlewomen as a most excellent Fucus to give an ornament to the Face.

Purging Chrystals of Silver.

TAke one part of Luna and half a part of Mercury, with three times its weight of water made out of the cold Earthen-Salt, set them in Sand, let the Matter dissolve in in a gentle heat, then separate the solution and draw off the Spirits to a skim, and chrysal will shoot like Allum-stones.

Its Vertues.

These are used from six to five grains in Pills

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Pills for to purge the head, and to cure the Venerial Diseases.

Chrystals, or Vitriol of Luna.

TAKE the water of Niter, dissolve in the same your Luna, separate it from Fecies if any, abstract the one third part to a skim, set it in a cold place and Chrystal will shoot, which is the true Vitriol of Luna.

Its Vertues.

It may be very safely used inwardly for purging the Body in Diseases of the Brain: but it is very bitter and therefore not toothsome; its dose is to twelve grains, it may be put to a little water of Walnuts, and it will dy the Hair black; If it were made with Aquafortis made of Vitriol, and the Luna pure without mixture of other.

Of Venus:

Crocus Veneris.

TAKE thin plates of Copper and Sulphur a like proportion, lay them *stratum superstratum* in a melting Pot, cover it close and set it in an open fire until the Brimstone be all burnt, then take it out, the Plates will grow

grow thick and like a black Crust, powder them in a Mortar, and wash them well with warm water ten or twelve times, and then dry them, and with distill'd Vineger extract a blew colour; from whence abstract all the Vineger, and a Crocus remains, which reverberate by it self in a Crucible, and sweeten it with warm water.

Crocus Veneris.

TAKE thin Plates of Copper, and in a earthen unglased Pot lay them *stratum super stratum* with decrepitated Salt, let the Salt be first and last, set it in an open fire by little and little, till at last it be red hot, cast them then out in a Vessel of cold water, and cleanse the Plates from their blackness, and salt and dry them, and with Salt again calcine them and cast them in cold water, then let the water wherein the Plates were quenched be mixed with hot water, wash them from blackness, and the Crocus will be left at the bottom very red; which wash very well, and grinde to a most subtile Powder.

Crocus Veneris, and Verdigreece.

TAke good Calx Vive as much as you need, and moisten them with Urine until it be like Pap, put some of the Pap at the bottom of your Pot, and then your Copper Plates, and after your Lime till the Pot be full, let the Lime be uppermost, lute on a head and set it in the Potters Furnace for twenty four hours; then take out the Matter and beat it to most subtil Powder, and wash away the Calx Vive with warm water, and dry the remaining Matter and keep for your use.

Its Vertues.

This Crocuses are used by Chyrurgions to make their Stiptick Plaisters, and to mix with Unguents, in venereal Sores.

Amalgama, Honey, Salt, Vineger and Lamens of Venus, and calcine the same, and all the Venus will be converted in Verdigreece.

Corrosive Oyl of Venus.

TAke Plates of Copper or Crocus Veneris pour upon the same good Spirit of Salt, and extract the greenness; if any Fe-
cies

eies remain separate them, and from the dissolved Body draw off in B. the Spirit of Spirit, and a green mass remaineth, which placed upon a stone will resolve in a cold and moist place into green Oyl.

Its Vertues.

It cureth all old Ulcers, Fistulaes, Cancers, Noli-me-tangere, or stincking putrified Ulcers, and any venomous Sores.

Ens Veneris.

TAKE reverberated Crocus, make it moist in a earthen dish with Spirit of Wine, and let it dry before the fire, do this ten times and then mix them with equal weight of Sallarmoniack, which after sublime three or four times by it self, and you obtain a yellow golden Powder, of the same use as the former Ens Veneris.

Flowers of Venus, or Copper.

TAKE Venus that has been dissolved in Aquafortis, and it again separated almost to a dryness in B. grinde them with equal weight of Salt Petre, and distil them according to Art, and you obtain a great many Flowers.

Its

Its Vertues.

These Flowers are used in the same manner as the Crocus, in Plaisters and Unguents, but more effectual.

Salt, or Vitriol of Venus.

TAKE Verdigreese powdered (beware of the fumes) pour upon the same distil'd Vineger, and extract the Tincture, separate the coloured Vineger, and put on more Vineger, extract the Tincture as long as any will arise; these coloured Spirits pour together, and draw off the Acitum to a skin arising on the top; then set it in a cold place Chrystal will shoor, which take out and evaporate the Vineger as before to skin, more Chrystal will shoor; take them out and proceed as before until all the Tincture be converted into Vitriol, this Vitriol eight or ten times extracted with fresh Vineger, and then distilled, it yields a red Oyl, which turn Mars into Vitriol.

Its Vertues.

They are used inwardly in Gonorrhea, outwardly used for the Itch or Scabs.

Of

Of Gold.*To Calcine Gold with Mercury.*

TAke eight parts of Mercury, set it in a fire in a Crucible till it begin to smoak, then take it off and add one part of thin pieces of Gold, stir it until you see no more Gold, then set it to the fire again, and stir it so long until all the Mercury evaporate, take out the Powder of Gold and grinde it with its weight of decrepitated Salt, put it in a Crucible, and set it to calcine again for a few hours, then take it out and wash away the Salt, and a yellow Calx remains, keep for your use.

To purge and calcine Gold by Aqua Regis.

PUt one ounce of Gold, and one dram of Gold, into three parts of Aqua Regis, dissolve it in warm sand, the Luna will descend in a black Calx, and lye at the bottom of the Glass, decant the Aqua Regis containing the Gold, and precipitate it with Oyl of Tartar, or Spirit of Salarmoniac, or put in so much Mercury as will dissolve that water, and the acid Spirits will forsake the Gold.

Gold and dissolve the Mercury, the Gold falling to the bottom in a yellow Calx; but if that water is not sufficient to dissolve all the Mercury you put in, you must add more. This yellow Calx thus purely purged, wash well with Rain-water, and after dry in the sun, or before a small heat of fire.

Purging and exalting Gold by Cementation.

TAKE of Gold, of Copper, of each one ounce, melt them together, and cast them in an Ingote, beat them in thin Lammens, put them in strong distilled Vineger, for 24 hours, then take Tyles powdered, Salt purified, and decrepitated, Vitriol rubified and dissolved in distilled Vineger, which coagulate and calcine it again. Of Verdigreese dissolved in Vineger and coagulated, and Salarmoniack purified and dissolved in distilled Vineger, as much as there is of the other Powders, make these Powders moist with the Armoniack Vineger, and make a lay of this Paste in the pot, then a lay of your Gold and Copper, and again a lay of Paste, until the pot be full, let the uppermost be the Powder; Lute on a Lead with a hole in the middle, set it in a Potters Furnace for 24 hours, and then take it

it out, separate the matter from the plates, and do this seven times with new powder, melting the Gold with new Copper, and your Gold will be so much augmented in Colour or Tincture, that if it were melted down with its weight of Silver, yet it would be at the height of Gold in colour, and like fine Gold.

If Gold be heated red hot, and quenched several times in the water where new melted Lead has before been often quenched, it will be augmented in its weight.

Tincture of Gold.

TAke of Gold purged as before, one part, and six parts of Mercury, make it into an Amalgama, and to it add two parts of common Sulphur, put it into a broad pan over a fire, and let it evaporate, continually stirring it, and let it be a small fire, 'twill at last be brought into a Calx, which you must reverberate strongly, and then powder it; to this Powder add three parts of Aqua Regis, set it to dissolve in sand for three or four hours, and the Solution decant and put on more water, and extract the remainder, which decant and put to the other; set these Solutions in a Long-body, with

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with a Still-head luted set it in B. M. with a Receiver fast luted, make a small heat for 24 hours, and then draw off the Spirits, cohobate them seven times, then let it stand in digestion nine days, and again draw off the Spirits to an Ollie, then add fresh Spirits, digest them 24 hours, separate the Fecies, if any be, and abstract the Spirits to a specitude, set them in a cold and moist place, Chrystal will shoor, take them out and abstract more Spirit, more Chrystal will shoor; do thus till all the Gold is converted into Chrystals, dissolve these Chrystals in distilled Rain-water, and add to it three parts of Mercury purged, shake it about many colours will appear, and the Amalgama fall to the bottom, and the Water will clear up; take the Amalgama, wash it well with water and dry it, put it in an earthen Vessel, evaporate the Mercury, stirring it continually, and a purple coloured powder will remain, which extract with the Animal Mercury, and there will arise a blood red Tincture, which decant from the Fecies, after the Tincture is extracted, put them in digestion close stoppt for eight or ten days, then draw off the Spirits two or three times in B. M. the Calx remains as red as blood; which extract once again with well recti-

rectified Spirit of Wine, and you have the true Tincture of Gold, not to be paralel'd by any other Medicine.

Its Vertues.

The vertues of this Medicine is great, and generally to be used in all Diseases of what rank soever; It preserveth health & strength of the body, keeping it free from Diseases, until old age, and not that onely, but the most violent and malign Diseases, as the Leprosie, Gout, Dropsie, Apoplexy, Epilepsie, Hypocondraick Melancholy, the Lues Venerea, the Asthma, Prissick, Inward Imposthumes, and all other Diseases either Cronick or Accute. The Dose is to seven or eight drops in some convenient Spirit, and so sweated upon the same in bed.

Oyl of Talck.

TAke English Talck commonly called Spade, beat and searce it into most subtil Powder; take thereof twelve pounds, pour upon the same good distilled Vineger, let it overtop it a hands breadth, set it in B. M. stir it with a stick three or four times a day, and let it stand so about eight days, and the Vineger will be tinged yellowish, decant the same and put on more, and set

it again in digestion until it hath again got
a Tincture, this do three times, and then
put the tinged Spirits together, and draw
away the Vineger in a small heat of *B. M.*
until it drop no more, until the remainder
be dry and of a white Mass; which put into
a Retort, and in Sand make fire by degrees
for forty eight hours, distil off a white wa-
ter and red Oyl, reserve each by it self; the
Fecies calcine for eight days, and then with
distil'd Vineger extract the Salt, which fil-
ter and congeal so often until it be pure
white, and Chrystaline you may know when
the Fecies will yield no more Salt by the
whiteness of the Vineger; if this Salt be
ground upon a stone, and be put into a ear-
then dish and inbibed with the white Oyl,
stirring it with a stick three or four times
a day, and covering it with a cloath, and this
inbibing be continued until it hath drawn
the double or tripple weight of the white
Oyl, in such wise that being cast upon a red
hot Plate of Venus, it disparfes it self in
fumes; then sublime the same, and you ar-
tain a foliated white Earth, which will have
a great brightness, and perspecuity, than
can be seen in the most rich oriential Pearls,
which hath admirable faculties and proper-
ties; this close luted set in *B. M.* will re-
solve

solve it self in a most clear transparent white Oyl, or in a cold and moist place.

Its Vertue.

This above all others is the most excellent Fucus in the world, for without doing the least prejudice to nature, it maketh the old age look young and lively, it taketh away all Wrinckles, Morphey, Sun-burn, Spots, or other such like defects at once or twice using at most, by onely anointing the Face.

Of the colouring of Glasse.

FOr a Sea green take from four to six gr. of the red calcin'd Venus, with one ounce of Glasse; the Iron in the same proportion or to ten grains, maketh a yellow, or Jacinth colour.

Silver calcin'd and precipitated as before from Aquafortis, edulcorated and dryed, whereof to six grains added to one ounce of Glasse, make a mixt colour.

Gold precipitated with Liquor of Flints edulcorated and dryed, whereof from grains four to thirty grains in one ounce of Glasse, maketh a most elegant Saphire; from three to six grains of the Rube mentioned in the treatise of Antimony, be added to one ounce

of Glas, it giveth a most perfect Rube colour, Magnesia Parlaerized from six to fourteen grains maketh an Amathist; The Tincture of Lapis Calaminaris giveth a yellow colour.

The best way for the calcining of Metals, for the colouring Glas, and for painting.

TAke the filings of thin Lamens, or filings of Copper, add to it twice as much Mercury, and grinde them upon a Marble, with some distil'd Vineger, and some Salt, and they will come into a Mass, then wash away the Salt and Vineger with common water till the Mass be bright as silver, but soft; then set it in a gentle heat all night, it will be hard, then grinde it with a little Quicksilver more, (and not too much that it may be very liquid) and set it in a gentle heat again until it be very hard, and this work reiterate till it will drink up no more Quicksilver; then are the Filings burst in attomes; then evaporate the Quicksilver in a Crucible with a gentle heat first, and after make it red hot, so will the Copper be a red Powder; this red Powder must be stamped in a Marble Mortar, with warm water, and ever as the warm water is coloured

coloured red, it must be poured into a Jar
Glas, and new water put to it, and so the
work must be reiterated until it will colour
the water no more, then let the water stand
all night till the Copper be settled at the
bottom, then pour off the clear water and
dry the rest in the Sun, or by a gentle heat
and it will be as fine as any Wheat-flower
which may be ground upon a Painters Mar-
ble stone with Gum water, until a Painter
may paint with it; or it will serve to mix
Glas, and to give it what colour you please
according to the nature of the Metal or Mi-
neral.

Thus (courteous Reader) having finished
my present intended work, if thou bestow
much labor as to read this Book, and put
in practice, I wish thee as to my self, good
success in all thy lawful and godly inde-
vors, and so commend both them and thee
to the Lord,

FINIS.

in this booke
page first what yo distill
of Chymical medicines and
pag. 3 of Lutan sapientia of the
mical lute and
pag. 6 of yo structure of furnaces
for yo distilling of bigdest spirits
4 styles
p. 15 of yo distillation of spirit or
aquatized from roots of hard wood
to draw spirits from all manner
of corn or grain
p. 16